

121

SEQ ID NO	Clone name	"Novel" Region 1		"Novel" Region 2		GenBank Identifier for top 5 matching EST sequences	
		Start / Stop		Start / Stop			
266	SW0692T7	1-54		490-582		g1969153	g4534166
267	SW0694T7	503-565				g2184535	g812780
268	SW0697T7	279-661				g2986269	g4665361
269	SW0710T7	476-643				g1307580	g2053081
270	SW0711T7	540-650				g1967859	g1970279
271	SW0713T7	478-620				g1308937	g1484655
272	SW0724T7	431-490		575-670		g3030963	g389972
273	SW0734T7	320-688				g3037561	g1068430
274	SW0736T7	499-674				g4735776	g2458732
275	SW0744T7	488-638				g835606	g4291133
276	SW0751T7	1-67		348-638		g2033666	g4525902
277	SW0753T7	457-734				g1281367	g2013326
279	SW0768T7	1-457				g816092	g2028907
281	SW0772T7	1-116		524-677		g1389446	g989175
282	SW0774T7	515-691				g1280912	g1516408
283	SW0778T7	166-688				g709101	g692097
284	SW0779T7	247-777				g572918	g672436
285	SW0783T7	433-692				g2884478	g2882317
286	SW0784T7	557-709				g1147127	g2269337
288	SW0787T7	476-681				g1624696	g2356793
289	SW0797M13	1-48		527-565		g647094	g4329924
290	SW0803T7	464-699				g869902	g988828
291	SW0809T7	1-120		495-699		g815129	g814313
292	SW0811T7	337-688				g775252	g1064596
293	SW0815M13	411-572				g2369395	g1495178
294	SW0821T7	192-692				g1847887	g899896
296	SW0826T7	451-677				g4850460	g864989
297	SW0827M13	476-536				g1779025	g2027299
299	SW0836T7	485-644				g2912733	g3330967
301	SW0843M13	114-589				g1211744	g1320893
303	SW0847T7	1-346		555-673		g1547479	g2410830
304	SW0849T7	115-426				g2079660	g3099047
						g1990730	g2215531
						g3117755	g4688064
						g2988563	g3755365
						g1299364	g2021058
						g1967270	g1966441
						g1967497	g685648
						g1060573	g3679607
						g4851814	g2198924
						g4451965	
						g1367232	g879361
						g4094551	
						g1423548	g711455
						g1977384	g4126279
						g4685207	g4736243
						g774134	g3849587
						g1843758	g1849532
						g2873870	g2903123
						g3918382	g2810893
						g3674707	g1670065
						g1784223	g1764577
						g1296124	g3648342
						g1496517	g1521347
						g791801	g711356
						g2106148	g2009858
						g715203	g1978754
						g3055436	
						g793071	g2524536
						g1960180	g2210077
						g1166303	g2562807
						g825200	g817462
						g1012926	g1505518
						g2341367	g2198300
							g2197847



SEQ ID NO	Clone name	"Novel" Region 1		"Novel" Region 2		GenBank Identifier for top 5 matching EST sequences	
		Start / Stop	Start / Stop	Start / Stop	Start / Stop		
305	SW0850T7	521-655				g1306156 g1923678	g2874241 g2805210
306	SW0855T7	511-684				g2402087 g1781722	g1303037 g2005846
308	SW0866T7	487-660				g1894503 g2191248	g3898116 g1785384
312	SW0914T7	123-168		592-654		g783104 g1496681	g1687044 g2006571
313	SW0916T7	541-656				g1255268 g1809627	g1815279 g1049496
316	SW0923T7	461-637				g389604 g1983913	g573354 g772210
317	SW0926M13	315-505				g2110746 g1958300	g850595 g1040607
318	SW0928T7	546-645				g2835368 g2159357	g1320607 g961005
321	SW0954T7	351-588				g1713128 g4296983	g3152028 g3597337
322	SW0964T7	275-368		455-589		g2617590 g1983739	g2321557 g661505
327	SW0998T7	1-430				g1665148 g873211	g1734568 g1722041
331	SW1018T7	369-421				g815990 g4824527	g3213763 g4281629
332	SW1045T7	171-616				g1960129 g3797281	g3678504 g2907669
333	SW1046T7	1-58		227-650		g1689803 g747999	g3094753 g1969991
334	SW1058T7	256-734				g3076981 g4764472	g4244708 g3675166
335	SW1059M13	164-451				g3146363 g2842317	g2291325 g2035592
336	SW1061T7	435-732				g1720353 g4083719	g2188948 g3649260
337	SW1064T7	465-642				g1898567 g1984998	g1577078 g1969872
338	SW1065T7	466-723				g4737452 g1721911	g2567423 g3595294
340	SW1085M13	195-502				g2994840 g652041	g728040 g1741474
342	SW1091T7	1-177		457-669		g1139868 g4740134	g1123719 g4690317
343	SW1093M13	178-372				g2876843 g1212266	g1277704 g3842193
344	SW1097T7	345-483				g1966405 g2000446	g1984682 g1162830
345	SW1104T7	348-667				g1987181 g1975635	g2575165 g2901280
346	SW1105T7	450-754				g3849721 g4606643	g1696922 g2725769
348	SW1107T7	507-693				g4223536 g2539603	g4763850 g3921215
350	SW1109T7	372-622				g1969153 g4534166	g3990730 g3052018
351	SW1114T7	436-574				g2094727 g3034248	g2445722 g2318514
353	SW1124T7	424-727				g1801953 g834048	g867043 g4599665
354	SW1130T7	1-151		311-411		g834106 g857314	g2880334 g1166307
356	SW1132T7	428-678				g2167403 g2080455	g1996679 g565319
358	SW1134T7	144-267		504-633		g3190963 g1921067	g1210922 g711478
							g3147355
							g4190351
							g2884719
							g1491375
							g697528
							g659447
							g874773

SEQ ID NO	Clone name	"Novel" Region 1		"Novel" Region 2		GenBank Identifier for top 5 matching EST sequences	
		Start / Stop		Start / Stop			
359	SW1136T7	420-635				g1740775	g657385
361	SW1146T7	425-631				g4524079	g2154010
362	SW1147T7	480-660				g4739574	g4301551
364	SW1156T7	1-176		409-686		g1729323	g1729322
365	SW1160T7	408-638				g2834800	g3429486
366	SW1161T7	400-585				g2807169	g4681663
367	SW1169T7	422-628				g2526582	g2525859
368	SW1176T7	425-618				g1781738	g2674401
370	SW1193T7	447-636				g4391165	g4295071
372	SW1203T7	487-612				g1012013	g1388510
373	SW1212T7	500-640				g1384656	g1696886
374	SW1213M13	218-503				g3076981	g4764472
375	SW1214T7	426-611				g1386338	g2162796
376	SW1218T7	424-601				g1191932	g1952078
377	SW1220T7	1-67		487-621		g1690249	g1856563
379	SW1236M13	390-516		501-620		g875363	g2100509
381	SW1239T7	420-480				g1017274	g1999568
						g1740775	g983198
						g4524079	g4703413
						g4739574	g1312127
						g1729323	g1989919
						g2834800	g3049810
						g2807169	g4393979
						g2526582	g3595746
						g1781738	g1501716
						g4391165	g3146054
						g1012013	g1716758
						g1384656	g1891098
						g3076981	g4244708
						g1386338	g1616215
						g1191932	g1328929
						g1690249	g1966703
						g875363	g1952828
						g1017274	g1623528
							g3754140
							g1959091
							g3752988
							g658245
							g1988870
							g3665193
							g1153641
							g4190042
							g1522532
							g3238462
							g3330122
							g4084026
							g3057227
							g29070
							g4618462
							g1965610
							g1157854
							g1182700

We claim:

1. An isolated nucleic acid comprising a nucleotide sequence which hybridizes under stringent conditions to a sequence of SEQ ID Nos. 1-127 or a sequence complementary thereto.  
5
2. An isolated nucleic acid comprising a nucleotide sequence at least 80% identical to a sequence corresponding to at least about 15 consecutive nucleotides of one of SEQ ID Nos. 1-127 or a sequence complementary thereto.  
10
3. An isolated nucleic acid comprising a nucleotide sequence of SEQ ID Nos. 1-127 or a sequence complementary thereto.
4. A nucleic acid according to claim 1, further comprising a transcriptional regulatory sequence operably linked to said nucleotide sequence so as to render said nucleotide sequence suitable for use as an expression vector.  
15
5. An expression vector, capable of replicating in at least one of a prokaryotic cell and eukaryotic cell, comprising the nucleic acid of claim 4.  
20
6. A host cell transfected with the expression vector of claim 5.
7. A transgenic animal having a transgene of the nucleic acid of claim 1 incorporated in cells thereof, which transgene modifies the level of expression of the nucleic acid, the stability of an mRNA transcript of the nucleic acid, or the activity of the encoded product of the nucleic acid.  
25
8. A substantially pure nucleic acid which hybridizes under stringent conditions to a nucleic acid probe corresponding to at least 12 consecutive nucleotides of one of SEQ ID Nos. 1-127 or a sequence complementary thereto.  
30

9. A polypeptide including an amino acid sequence encoded by a nucleic acid of claim 1 or a fragment comprising at least 25 amino acids thereof.
10. A probe/primer comprising a substantially purified oligonucleotide, said oligonucleotide containing a region of nucleotide sequence which hybridizes under stringent conditions to at least 12 consecutive nucleotides of sense or antisense sequence selected from SEQ ID Nos. 1-127.
11. An array including at least 10 different probes of claim 10 attached to a solid support.
12. The probe/primer of claim 10, further comprising a label group attached thereto and able to be detected.
13. The probe/primer of claim 12, wherein said label group being selected from radioisotopes, fluorescent compounds, enzymes, and enzyme co-factors.
14. An antibody immunoreactive with a polypeptide of claim 9.
15. An antisense oligonucleotide analog which hybridizes under stringent conditions to at least 12 consecutive nucleotides of one of SEQ ID Nos. 1-850 or a sequence complementary thereto, and which is resistant to cleavage by a nuclease.
16. A test kit for determining the phenotype of transformed cells, comprising the probe/primer of claim 12, for measuring a level of a nucleic acid which hybridizes under stringent conditions to a nucleic acid of SEQ ID Nos. 1-850 in a sample of cells isolated from a patient.
17. A test kit for determining the phenotype of transformed cells, comprising an antibody specific for a protein encoded by a nucleic acid which hybridizes under stringent conditions to any one of SEQ Nos. 1-850.

18. A method of determining the phenotype of a cell, comprising detecting the differential expression, relative to a normal cell, of at least one nucleic acid which hybridizes under stringent conditions to one of SEQ ID Nos. 1-850, wherein the nucleic acid is differentially expressed by at least a factor of two.
19. A method for determining the phenotype of cells in a sample of cells from a patient, comprising:
- i. providing a nucleic acid probe comprising a nucleotide sequence having at least 12 consecutive nucleotides of any of SEQ ID Nos. 1-850;
  - ii. obtaining a sample of cells from a patient;
  - iii. providing a second sample of cells substantially all of which are non-cancerous;
  - iv. contacting the nucleic acid probe under stringent conditions with mRNA of each of said first and second cell samples; and
  - v. comparing (a) the amount of hybridization of the probe with mRNA of the first cell sample, with (b) the amount of hybridization of the probe with mRNA of the second cell sample, wherein a difference of at least a factor of two in the amount of hybridization with the mRNA of the first cell sample as compared to the amount of hybridization with the mRNA of the second cell sample is indicative of the phenotype of cells in the first cell sample.
20. A method of determining the phenotype of a cell, comprising detecting the differential expression, relative to a normal cell, of at least one protein encoded by a nucleic acid which hybridizes under stringent conditions to one of SEQ ID Nos. 1-850, wherein the protein is differentially expressed by at least a factor of two.
21. The method of claim 20, wherein the level of said protein is detected in an immunoassay.

22. A method for determining the presence or absence of a nucleic acid which hybridizes under stringent conditions to one of SEQ ID Nos. 1-127 in a cell, comprising contacting the cell with a probe of claim 10.
- 5
23. A method for determining the presence or absence of a polypeptide encoded by a nucleic acid which hybridizes under stringent conditions to one of SEQ ID Nos. 1-127 in a cell, comprising contacting the cell with an antibody of claim 14.
- 10
24. A method for detecting a mutation in a test nucleic acid which hybridizes under stringent conditions to a nucleic acid of SEQ ID Nos. 1-383 or a sequence complementary thereto, comprising
- 15
- i. collecting a sample of cells from a patient,
  - ii. isolating nucleic acid from the cells of the sample,
  - iii. contacting the nucleic acid sample with one or more primers which specifically hybridize to a nucleic acid sequence of SEQ ID Nos. 1-383 under conditions such that hybridization and amplification of the nucleic acid occurs, and
- 20
- iv. comparing the presence, absence, or size of an amplification product to the amplification product of a normal cell.
25. A method for identifying an agent which alters the level of expression in a cell of a nucleic acid which hybridizes under stringent conditions to one of SEQ ID
- 25
- Nos. 1-850 or a sequence complementary thereto, comprising
- i. providing a cell;
  - ii. treating the cell with a test agent;
  - iii. determining the level of expression in the cell of a nucleic acid which hybridizes under stringent conditions to one of SEQ ID Nos. 1-
- 30
- 850 or a sequence complementary thereto; and
  - iv. comparing the level of expression of the nucleic acid in the treated cell with the level of expression of the nucleic acid in an

untreated cell, wherein a change in the level of expression of the nucleic acid in the treated cell relative to the level of expression of the nucleic acid in the untreated cell is indicative of an agent which alters the level of expression of the nucleic acid in a cell.

5

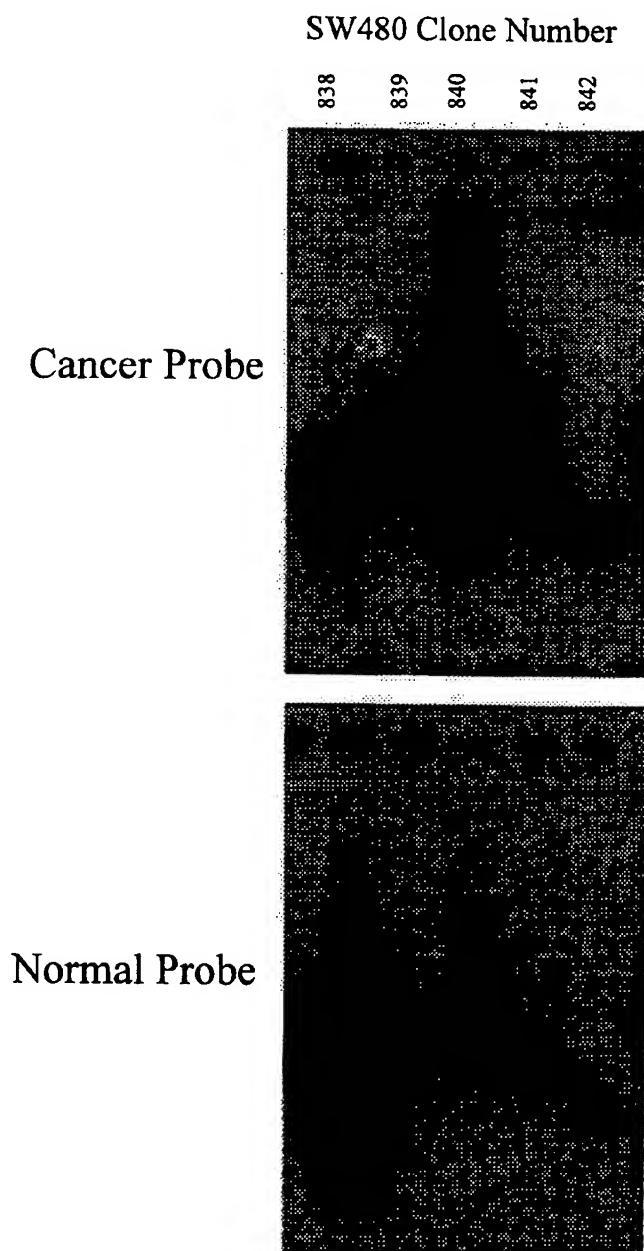
26. A pharmaceutical composition comprising an agent identified by the method of claim 25.
27. A pharmaceutical composition comprising a nucleic acid which includes a nucleotide sequence which hybridizes under stringent conditions to one of SEQ ID Nos. 1-850 or a sequence complementary thereto.
28. A pharmaceutical composition comprising a polypeptide encoded by a nucleic acid which includes a nucleotide sequence that hybridizes under stringent conditions to one of SEQ ID Nos. 1-850 or a sequence complementary thereto.
29. An isolated nucleic acid comprising a portion of a nucleotide sequence of SEQ ID Nos. 128-383 or a sequence complementary thereto.
30. A gene which hybridizes to one of SEQ ID Nos. 1-383.
31. A method for detecting cancer in which one or more of SEQ ID Nos. 1-850 are used as probes, said method comprising:
- i. collecting a sample of cells from a patient,
  - ii. isolating nucleic acid from the cells of the sample,
  - iii. contacting the nucleic acid sample with one or more primers which specifically hybridize to a nucleic acid sequence of SEQ ID Nos. 1-850 under conditions such that hybridization and amplification of the nucleic acid occurs, and
  - iv. comparing the presence, absence, or size of an amplification product to the amplification product of a normal cell.

32. A method of claim 31 in which said cancer is colon cancer.
33. A method for detecting cancer in a patient sample in which an antibody to a  
5 protein encoded by SEQ ID Nos. 1-850 is used to react with proteins in said  
sample.
34. A method of claim 33 in which said cancer is colon cancer.

10



# Differential Expression Analysis



## SEQUENCE LISTING

&lt;110&gt; BAYER CORPORATION

<120> NOVEL HUMAN GENES AND GENE EXPRESSION  
PRODUCTS

&lt;130&gt; CCD-257 (PCT)

&lt;150&gt; US 60/088,801

&lt;151&gt; 1988-06-10

&lt;160&gt; 850

&lt;170&gt; FastSEQ for Windows Version 3.0

&lt;210&gt; 1

&lt;211&gt; 359

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

tacaaaacta	acgatgaagt	tattcatggc	atcttcaaag	cttacattca	gaggctgctt	60
cacgccttgg	ctcgacactg	ccagctggaa	ccagaccatg	aggggggtcc	tgaggagact	120
gatgactttg	gggagtttcg	catgagggtg	tcagacctgg	taaaggactt	gattttcttg	180
atagggtcta	tggagtgttt	tgtctagtta	tattctactc	tgaaagaagg	caaccacccc	240
tgggaggtga	cagaagcggt	tctctttatc	atgactgcta	tagcaaagag	tgttgatccg	300
gaaaacaatc	caacacttgt	ggaagtccta	gaaggagtgt	tccgcctccc	ggagaccgt	359

&lt;210&gt; 2

&lt;211&gt; 901

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(901)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2

tacactacct	tttaaaaaaa	attggtatat	attactttta	ctgtaaagaa	atgcttttaa	60
tcaggggtcc	ccaaccccca	ngtcacacac	ctgaangggg	ccatgntatg	nnatgaacca	120
ngccacacag	nnggangtaa	gcantcgaga	gcgaggggag	cctagnntgn	atttacagaa	180
aagggaagct	ncatctgtat	ttacagccac	tccccactgc	tcacattatg	gcctgagctc	240
tgcctcccgt	nagatcagga	gacattatat	tctcatagga	gcatgaacac	tattgngaac	300
tgcacatnca	anggatctgg	gttgtctggg	ttgtgcgctc	cttataaaaa	tctaattggtg	360
gatgatttgt	cactgtctgc	catcatccct	agatggaaaa	caagctcacc	caaagtctcn	420
cttntgccna	ggngtncctg	atgccaaagt	tcncattttt	gacctggggc	ggaaaaaggc	480
naaagnggat	gagttccgct	ttgnggccac	atgntgtgag	atgaatntga	gcagctgcct	540
ctgaagccct	ggaggetgcc	cgaatttgng	ccaatannta	ccccgaagcg	ctgggtacgat	600
tcccaagggg	agcgctttt	acactgngcc	ctganacttc	nnttccagat	cggtcnggcc	660
ttttaacttt	tggtttccc	tttgtcaaan	gacattgctt	cctttanttt	tncagctggt	720

gngncttgga	aaggattggg	ccctggcttc	tcnaggatgg	ctaaggatga	anngatatca	780
aggnctggca	tgaaanaant	cnccggteen	nctttnggct	nggttnccct	gggacctggc	840
cgggcccggc	cgtttcgaaa	gggcnaaatt	ctggcagaat	ttccttgana	cctgggcggg	900
g						901

<210> 3  
 <211> 553  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(553)  
 <223> n = A,T,C or G

<400> 3						
actgctttct	gctgccgctc	aggatagcac	tggctttcac	agggattanc	cttctgggtg	60
tgggcacaac	tgtggtggga	tacttgccaa	atgggaggtt	taaggagttc	atgagtaaac	120
atgttcactt	aatgtgttac	cggatctgcg	tgcgagcgct	gacagccatc	atcacctacc	180
atgacaggga	aaacagacca	agaaatgggtg	gcattctgtgt	ggccaatcat	acctcaccga	240
tcgatngat	catcttggcc	agcgatggct	attatgccat	ggtgggtcaa	gtgcacgggg	300
gactcatggn	tgtgattcac	agagccatgg	tgaaggcctg	cccacacgtc	tggtttgagc	360
gctcggaagt	gaaggatcgc	cacctgggtg	ctaagagact	gactgaacat	gtgcaagatn	420
aaagcaagct	gcctatcctc	atcttcccag	aaggaacctg	catcaataat	acatcgngga	480
tgatgttcaa	aaagggaagn	tttgaaattg	nagccacagt	ttaccctggn	gctatnaagt	540
atgaccctca	att					553

<210> 4  
 <211> 565  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(565)  
 <223> n = A,T,C or G

<400> 4						
actgctttct	gctgccgctc	aggatagcac	tggctttcac	agggattagc	cttctgggtg	60
tgggcacaac	tgtggtggga	tacttgccaa	atgggaggtt	taaggagttc	atgagtaaac	120
atgttcactt	aatgtgttac	cggatctgcg	tgcgagcgct	gacagccatc	atcacctacc	180
atgacaggga	aaacagacca	agaaatgggtg	gcattctgtgt	ggccaatcat	acctcaccga	240
tcgatgtgat	catcttggcc	agcgatggct	attatgccat	ggtgggtcaa	gtgcacgggg	300
gactcatggg	tgtgattcag	agagccatgg	tgaaggcctg	cccacacgtc	tggtttgagc	360
gctcggaagt	gaaggatcgc	cacctgggtg	ctaagagact	gactgaacat	gtgcaagata	420
aaagcaagct	gcctatctca	tctttccaga	aggaacctgc	atcataatac	attggtgata	480
tgtcaaaaan	gggaagtttt	gaaatgganc	cccagttaa	cctgnngntt	tnagtttnac	540
ccttaatttg	gcaagccttt	tggan				565

<210> 5  
 <211> 500  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 5

caggtagaca	ttcagggggtc	actgactctt	cagataatgc	cctaaacaac	tggagtgtgg	60
gcttggtttgc	tccaagagca	gctgccctgt	cagtgggaact	ccggcgcaact	tccactcaat	120
actggactgg	gggggatgaa	agagggattt	ttaaatggca	gaaaagtgtt	cttctgggct	180
gtctggcccg	ggcagggcgg	gttgtagctt	ggaaaagaag	gggaaggtag	ggaggccttg	240
aacttaggga	cagccagcaa	atgatccttg	cagcttttgg	aacacaaggc	agggctaagg	300
ttacctttca	gcttccctgc	ttaagtagca	gtggctaagt	gggttaaact	ttgctcgcc	360
tgcaggctcc	ccctgttggt	cagatacttg	cattgacatc	ctcagtgttc	aatgctcctg	420
gaagagccca	ggagagggcg	gcactggccc	agggattgca	ggtcagggaa	ctctagcaaa	480
ttcccacacc	ctagggtacc					500

&lt;210&gt; 6

&lt;211&gt; 622

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 6

acaaggaaat	gtcagtcagg	ggtgttgc	attacatata	tgtggttacc	gaacttggtt	60
tacattattg	attaaattca	ttttctcttt	ctctttttta	gacctttgga	tatctcctcc	120
tccttccctt	tatctataaa	tatgtaagaa	agaaaacatg	tttaaaatac	aatattttat	180
ttcttttgat	cacagattag	acttaaagaa	cagagatgcc	ctataatgtg	atctttaaga	240
gatattacaa	agcttccaat	ctcactgtga	ggatcggtta	agtataataa	taaaaaaaaaa	300
tgtatattat	aaaagaatgt	aagaatgtgc	atattttattt	ccttgcatat	taatggcata	360
agaaactggt	aacagggact	tggggtaagg	cttgtgggaa	ggaaggtagt	tttcaactgt	420
ttccttttgt	attgttttaa	gtttttactt	gttttttaag	caagcatgta	tcactttata	480
tgatatttaa	aagttgctct	tctcaagaca	gaaaatcatt	ttgattcatt	tctaattcaa	540
ataagcacta	attgaggata	ttttaatata	tcctcacatt	gtgaaaggat	taaggcacaa	600
tttctagctt	caaaactgta	cc				622

&lt;210&gt; 7

&lt;211&gt; 621

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(621)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 7

ggtacccttg	tctttaaaag	gattccccct	tataaggact	cttcaagtaa	atccacacat	60
atatagtcaa	ctaatttttg	acaaagacac	caagaatata	caatggggaa	aggatagtgt	120
cttcaataaa	cagtattgga	aatactggat	atccacatgc	aaaagaatga	aattggatga	180
aatatggtga	aattattttta	caccgtaccg	gctccccaac	gtgcacggca	ggagctacgg	240
cccagcgccg	ggcgctggcc	acgtgcagaa	atggagtttc	atcatgttgt	cctctcgaa	300
tcctgacctc	aagtgatcca	cccgnctcgc	ccttccaaag	tgctgagatt	acaggaagag	360
tctaacctgc	tctgcaagct	cttgagtccc	gccaagatga	tattttaa	gtctgtatga	420
agttgaaagc	tgcagntgat	ggcctnttca	agatgattca	aaccncngat	gcnnacttgg	480
atgtaancca	ccntaattca	agccggtnan	nccncnnant	taaccnaag	ggcctggatt	540
tgaattcagg	cnttggnaa	gttnccgggc	ccttaaaaana	nattgggggtt	aacgcaaacc	600
ggcttcctntt	ccttttcttg	n				621

<210> 8  
 <211> 649  
 <212> DNA  
 <213> Homo sapiens

<400> 8  
 actgatctcc tgttggcctg cttcatttgt cctgcagttg tcaatccaga acaatatgga 60  
 ataatttccg atgctcctat taatgaagta gcacgattta atctgatgca ggtaggccgc 120  
 cttttgcagc agtttagcaat gactggctct gaagagggag atccccgaac aaagagcagc 180  
 cttggaaagt ttgacaaaag ctgtgttgcc gctttccttg atgttgtgat tgggggcccgt 240  
 gcagtggaga cccctccatt gtcttccgtc aatcttcttg aaggattgag cagaactgtg 300  
 gtttatataa cctacagtca ggcttattac tctgggtaat tttatgaaag agtgtgatgt 360  
 ctggagatca actgagagaa gatagaatgg ctcttgacaa tttattggca aacctacccc 420  
 cggccaagcc aggaaaaagt agcagtttag aaatgactcc ctacaataca cctcagctat 480  
 ctccagcaac cactccagca aataaaaaaga atcgattacc tatagcaact cggagcagaa 540  
 gccgcaccaa tatgctaag gacctacata tggaccatga aggatcatct caagaaacca 600  
 tccaggaggt gcaaccagaa gaggtgttgg tcatttcctt aggtacctc 649

<210> 9  
 <211> 645  
 <212> DNA  
 <213> Homo sapiens

<400> 9  
 acttagtgca acatattgaa cttaaattcc agttttcctg gaattacttg tgtcttgagc 60  
 taaaggctgt atttgatata acaggggaagg aaagaaatta tttttcctat aaaattagtt 120  
 tagtttataaa acacatatata ttaaacaaaa taaaaatatt attccatctt taaagaaca 180  
 tttactaatt cacagatatt acccgaagtt tagaaagtca cctaagaaca attgtttaaa 240  
 aattatttag ggaaaatgaa gcaaaaattgt tttcaatctg agattttaac agccagtgc 300  
 ctctgttcc tcagctgaaa gtcccccttca ttctgaatgt ctgcagtagt attgaattgg 360  
 ggagcagtta ggttccaggg acatattcac tctgttttg ttctcccatc aatctcagcc 420  
 ctttcggtga ctggttgggc aaagcctccc ttgtggtaga agatgcctca cttctgggga 480  
 gaagaggctc ctcatcttgc agacaagaag cagcaccac tgtttcttgc tccaaaagcc 540  
 attaacatta taaactggcc agttgcagtg gctcaaaact gtaatcccag caccttttgg 600  
 gaggttgagg cacaaggatt gcttgagccc aggagtttga gtacc 645

<210> 10  
 <211> 564  
 <212> DNA  
 <213> Homo sapiens

<400> 10  
 cgcgcccgag gtacctgggc ttaacagtaa tagagaacct catTTataacc atacagacac 60  
 agcaacttag gaagacagca ctgatagcat ttagctagtt gtaaccaaT ccaaatatgt 120  
 aaaattgaga attatgatta acatatgcaa ctttagtaat aggaatagat gataattttc 180  
 ctgtattgtt tcaaataagt gactgttcag ctgggatcca ttggattata atttacaatg 240  
 tcacataata ttatgttttt caatattgat gagtgatgta aacaatataa agttggcagt 300  
 ttgtagtagt tcagtatcct agaaatacat tgaacttcat aagtatcagt tcatttttaa 360  
 gcatacagaa ttgaactgat acttactgaa atcataaact cagaggaaac aagcccatct 420  
 ttatcactaa ttacttagct tgaatacttt tctattttaa aataatccta attattgcct 480  
 tttcaattat agtctactgt atttatttat atgggatcaa caggatttta tcaaacatct 540  
 actgtgtgcc cagcactacc tagt 564

<210> 11  
 <211> 593  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(593)  
 <223> n = A,T,C or G

<400> 11  
 cgaggtgcct cgcctcgggc attttcttgc agcaagaagg gacgcagcc tctggcataa 60  
 atccaaccag agagtcaccc ctctcaagct gatttttttaa aaatctagat attatattaga 120  
 tcattttcagc aaattctttaa tgctttggcc ttccacagta agatgttgct taatcggtg 180  
 gatctccccc ctcttgcca aggagactca attttgagcag tgcccatatc tgcctagtta 240  
 aatcggttgct atactaaagg ttctgggagg gtggggacag aatttccccg gtgctaattgc 300  
 ggcactgaat cgcaggaggc tgccatgcat ttcttcagtc atctacaacc aagaattctc 360  
 agagcagtc ctccggcagcc ttttgaagct gtgctagagc agaaagctgc tattgntctc 420  
 atctctcaac aaggaaagga tcaaactttg cctctttcaa tttgaaagat ttttttttat 480  
 ggtggtgggg ggaagggatt gcaatcttga tncatcaagtt aactttgagg atttgagtg 540  
 gtctnccagt ttaaaactgca gatcaaatca cagaagccct aacgcctgca tnt 593

<210> 12  
 <211> 602  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(602)  
 <223> n = A,T,C or G

<400> 12  
 acacacaatt ccactctacc acccaacatc aatgagcatt tattgagcat ctactgaagc 60  
 tcacagcatt gtgcaggcag gatacatatc atacaaatgc tgtttcctcc tcccaccaa 120  
 tgaggagaa ttagatgaga tttttaaaaa ttctcctag ttctacaacc agtattgtat 180  
 actgatccaa tttggaagtt taagtttaaa attaatcaa ggattocagt tgaggaaatg 240  
 gtcccacttc cttggaaagt aaactagctc ggtcaccagg ctagggtacc cacgttgtaa 300  
 ttgcttgatga ttgactactc caccgtatta atgatgaagt gcccccgact tgagatgcag 360  
 gcgttagggc atctgtgatt tgatctgcag tttaaactgg gagaccactc caaatcctca 420  
 aagttaactt tgagtatcag attgcaatcc ttccccacc accataaaaa aaaatctttc 480  
 aaattgaaga ggcaaaaagtt ggatcctttc cttgttgaga gatgagacca ttgccgcttt 540  
 ttgntntagc caggtttcaa anggttgcca nggactgntn tganaatctn ggtgganaaa 600  
 an 602

<210> 13  
 <211> 487  
 <212> DNA  
 <213> Homo sapiens

<400> 13  
 gcgtggcgcg gccgaggtac tggaggccat ccagcccata ccctggcggg gggcaaacct 60  
 cagatgcctc cttcttgggt ttcattgggc accaggatcc atcttccatg aattggatct 120

catcacaaatc	tgaacaggaa	ctaagaatct	ccataaataa	accatcaatg	ataagagatt	180
cataggggagc	cttcttgtca	cacacaggac	atgtccatgt	aggcttcttc	tcattcatct	240
gtagataaaag	ggcagcatcg	aagctctgca	ggtggggcgca	ggtgaggga	cgacaaggga	300
cagttagggcg	catcttccct	agcggggcaca	tgagtgcacac	ccggagactt	gtagtggcca	360
cctcactgtc	agggtcagca	gtcaatttct	ccttgatcag	tgcccgcgag	tggtctgggt	420
tccggataacc	ctttgctctg	agtttttgta	gaagggttcc	tgcagtcaac	tgccctacca	480
ggtacct						487

<210> 14  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 14						
acagaaattc	ttaactgctt	atgaaatgct	gattgttaaa	cagcatccac	agctattttg	60
tggtgtttcc	ctgacccccc	cctgaagaaa	agaaaaatta	tggcatattg	aaaacagcag	120
tatgatgtaa	gagaaaagat	cacaaattcc	ttgaggggtg	gtcttttcca	tactcataag	180
cctattttata	atattcagag	taattttattg	acacatatta	atattccctc	ctatcccatt	240
aattgcca	tcatacaaca	tttattgagc	acctactctg	tgtaggggtg	aagcagtacc	300

<210> 15  
 <211> 882  
 <212> DNA  
 <213> Homo sapiens

<400> 15						
acctcataac	aaatgcctgc	catgtgttcc	agattcacct	tctttctttc	tgccccagcc	60
ctggaatcag	ctgcttctcc	aagcactcag	gactcctctt	aacagagaat	gataaataact	120
tagaaacccc	tgaggcccg	tgtgctcagt	gttctaggct	gtcctccttc	taagcccttc	180
tcgtagggcag	aaccacacaa	agtatcatca	cgacagcttt	atagtaagt	ctgggtgtttg	240
cagggcaaat	ggcctcttc	ttcacaagt	ttttaattaa	tcttggaact	gcactcttct	300
cagtgaattc	tagtcacctt	gtcaggaaa	agaagtggct	ggatgtcgat	gggaacgtca	360
ttgaatgtta	agagcaactt	tgggagacct	gacacctggc	atcttctctt	ctctgaacat	420
agaggagaat	taagcaaata	ttccttaaat	gtccttcaat	aaagtttata	tattttctgc	480
atgcagatct	tatctgtctt	aaaatttacc	ccagatacct	ttttgtact	gtaagcatta	540
tgttttaaat	tacattttgt	aaccaattaa	attgttggtt	taacaaaatg	aattgatttt	600
atattttgat	cttaaatgtg	ctcaactctc	taatctgttc	tgagatccct	atttaggaaa	660
ttacatcaca	tcacatgcca	gtaacagcag	ttttatttct	gcctttttca	ccctctgccc	720
tgctgaaaac	agtgttgtga	ggctgaggat	gatgtgggtt	acacaaaact	tggtctgact	780
gcagggggga	atggaaatct	acataaccac	cttggaaaaa	tcgatatgta	tcaatatgca	840
gacgtctgcy	ttatcctgca	gaactggaca	tttgcacgta	cc		882

<210> 16  
 <211> 568  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(568)  
 <223> n = A,T,C or G

<400> 16

ggtactcccc	gctttacagt	taaaaccagt	tttctgggaa	catttggtcaa	acacagggaa	60
aggctgtcct	tttaagttag	tgtttactgc	atttcaccta	agactaaatg	gacaaatgaa	120
ttataaatc	atTTTTtagg	aggcataata	aactttggaa	atattttttc	tttaattagag	180
ggaagaaatg	agcaaaaagag	aacccgaggg	tctagctaga	agcccggtgt	tctctgccct	240
aattgcatca	aacaatgcct	taataatctg	tgtcttcatg	tgggagggcat	ctactctgtc	300
ctctactttt	tcacttttat	gcaaaactcag	gggaaactca	ggggaaaaaa	tgattctatg	360
aaattataat	tagagccata	tttctagatt	tttaattttca	acattggcat	ttattaattt	420
cctgcagctg	ctgtaacaag	ttaccacaaa	ctggtaaaaa	tggcttaaaa	gaacngaaat	480
ttatttttnt	acaggtcaag	gccggaaatn	ccaaatctaa	gcatacanggg	ggtgggggtcc	540
ctttggangn	tcccanggna	ntttttcc				568

<210> 17  
 <211> 584  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(584)  
 <223> n = A,T,C or G

acaactgaag	accctagaaa	taagggtttc	aaccctgggt	gcccattaga	atcatgaaag	60
agcccccgag	atttgggttg	aattgggtctg	cagagactcc	aggccccctc	ttttgaagct	120
ccacagatga	ttcttttctg	cctgagggga	ggtgctgagt	tcccatcacc	caccagcttc	180
atcctacaca	ngtgcaatna	gaggcctagt	gagagtggca	ctgggggggtg	gccccccagc	240
gagtgccaaag	tagatcccac	caggcccttn	ctttaggcca	gaggttctag	aaactttgat	300
gaatgtngca	ataaccaggg	ggtgctctga	aaaggnccca	nggctgggct	gcacctgnta	360
aaatnaagcc	cagtctttct	ggttggggacc	agaagattcc	naagggcagc	ncgctcttta	420
aaaaccaagt	gcctttctgn	taaacnaatc	cttaggnccn	ttatgtctgc	agttnttaag	480
ntaanggggt	ggtaagntan	taacntccat	taanttttag	tntacactta	agcttttggg	540
ggtatcnngt	tnnagtgnna	ttangnagtc	tttcacagg	ngtt		584

<210> 18  
 <211> 560  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(560)  
 <223> n = A,T,C or G

ggtactcaaa	gcttggactc	catccctgaa	ggtcttctctg	attgatagcc	tggccttaat	60
accctacaga	aagcctgtcc	attgggtggt	tcttctctcag	tcagttcctg	gaagacctta	120
ccccatgacc	ccagcttcag	atgtggtctt	tggaaacaga	ggtcgaagga	aagtaaggag	180
ctgagagctc	acattcatag	gtgccgccag	ccttcgtgca	tcttcttgca	tcactctctaa	240
ggagctcttc	taattacacc	atgcccgctca	ccccatgagg	gatcagagaa	gggatgagtc	300
ttctaaactc	tatattcgct	gtgagtcacg	gttgtaaggg	ggagcactgt	ggatgcaccc	360
tattgcactc	cagctgatga	caccaaagct	taggtgtttg	ctgaaagtcc	ttgatgntgn	420
gacttaccac	ccctgcctna	caactgcaga	cataagggga	ctatggattg	cttaacagga	480
aaggcactng	ntctcaangg	cggntgccc	ttgggaaact	tntggggcca	ccccaaagaa	540



tgtggnttttn agttttttcnn

560

&lt;210&gt; 19

&lt;211&gt; 425

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 19

ggtacaaaaga	gaaaagggtca	agacatttttt	caaagtgggg	aaaactaaca	ggattttatca	60
ctagttaaacc	tgctctaaaa	gaattcaagg	gaagcttttt	aaaaagaagg	gaagttatag	120
cagaaggaaa	cttagaatgg	caggaataaa	gaaggcataa	tgtatagggt	aaatataata	180
gacttctctt	gaggttttaa	aaattacatt	tgttatttga	aagaaaaaaa	ttaacgttgt	240
tgtagtgat	tctctgtaga	ggatatacag	ttttttttgt	tggtcttgtt	tctgtttttt	300
taagggtgaag	tctctgtcac	ccaagctgga	gtgcagttct	gtgatcatgg	ctcactgcag	360
cttcaccctg	ggttcagggt	atcctcccac	ttcagcctct	tcagtaactg	ggactacagg	420
catgt						425

&lt;210&gt; 20

&lt;211&gt; 655

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 20

tggtacttcc	caagcactgt	agggcgtaag	gaaaatctgg	tccttatcaa	atcccaggag	60
cttctgctta	gttggggaag	aaattacatg	aagcaaccag	agggtataag	gccacacttg	120
tatatcggtg	accctgtgtg	gacaagatta	gggactgttg	agagaggagg	aaaccagtag	180
agagcaaagc	tctacccagg	ctccttgtaa	gcctctgggc	tcccccgaga	gggcctcgct	240
actctacgct	tccctagcaa	cgttgatgtc	cccacaaccc	cacatcagtg	cagctgtggc	300
ttgtgtggag	gggctctgag	gcctctgagg	ccagatgtgt	aaacagtgtc	gaggttcagt	360
aataggatga	agtcttcagg	tgtggagcag	cccaccttgg	ctcttcccat	gtctctgtgt	420
tacttctcat	attctgtgtg	cctttcaaac	ttcaaggaca	gtattaattt	atactagtat	480
ttcttctcct	gttttgtgac	ttgaatgcag	tgagtgcctt	agaggatcca	aggatgaagg	540
aatgcggtt	gggtgttctc	tctttcagaa	tggggaacttc	ccaaaaatgg	ggctgcgtct	600
cgctctcag	taggttccct	acctctgggt	cttccacctt	tcaaaatctg	gtacc	655

&lt;210&gt; 21

&lt;211&gt; 566

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 21

ggtacagccc	tttctttgaa	tggggatctg	gggatgcaga	ggagcataat	gagcctttta	60
taattacaaa	catgctcttc	tctagctctt	aaggttatgc	ctaacgctca	tttgctcttg	120
gctaaaaata	ctgagaaaaa	aagtgagtag	taaaaaaatg	ctggaaagtct	gaaaatgggt	180
tagacagaac	ttcattcctg	aagttttagt	ctgtagccag	attttaattc	tggcctgttt	240
tggtttttag	atgatagatc	ttttagtgtg	tcaacaggaa	tgtaaaagttt	gtattaacat	300
ctagggtgat	cacctgccat	gctattaagt	cagcatggta	taattaaaag	ttacatatgt	360
aggttcagag	cctcttagca	cagtgttaca	ttgtaagctc	ttggaggggca	ggaatgagat	420
tctagtcctt	acggaaatgg	agtttgggct	tctatcccta	gcattcattc	tagtgccatg	480
cacgtggtag	gaattctgta	aatatttgtg	aaagaaatga	atttctgcct	gtaggggttca	540
gcagtgtata	cttaaatgtg	atgtgt				566

&lt;210&gt; 22

<211> 269  
 <212> DNA  
 <213> Homo sapiens

<400> 22  
 ggtactaata gcaaggaata atcctaaaca ttttcccaat aaactgacta agcctcaaaa 60  
 ggacagctta ggaaaatgat taacatgcag tttttctttt ttcctagcca attcagttct 120  
 acttagataa atctggttgc caatcaatac atatataaat taattttttt ctgctcaatt 180  
 actaccattt tttctttttc accttttccc caattttctc tagcaacact tttcctttgg 240  
 tttgatcagt tgaactcaaa aggtttgggt 269

<210> 23  
 <211> 815  
 <212> DNA  
 <213> Homo sapiens

<400> 23  
 gaggtaccct tcatccatca ggactgcacc tcctttccca tgagccttct ggggtcacat 60  
 tctcctaact gcagctactg ttgctgtttt acttatcgag ggctattac gtgccaggct 120  
 ctgcgctgaa cgcttcacgc ccaactggatc atttactcat aatagctcag taaggtagtt 180  
 accccaatta gccccatgtt agagaaaaac accaaggcac agaggtgagt cacttgctcc 240  
 aggtcacaca tctaggaagt agtagaacca ggactcagct caggtccaaa gtctcaacca 300  
 tgggccagtc tgctcatctt agtcaaaccc ccaggctgca ttctgtggtc cagctactgg 360  
 atcctgcaac cttctcagac tctatccatg aagccaagtg cacaggatct aggacatcag 420  
 gtccagaaaa attggggcca cattcttctg gacctgcaga tgggcaagga ccagactcta 480  
 gcctgaacag tgagatgcag cccagagaag tgggaatcca cagacagagc ctggcctgag 540  
 actcctactg agactgcccc tgtggccact cggggagttc ccgtcccctg cctgatcagc 600  
 agtctttttg cttccccctc caagagagct ggggggcatt cctccaggaa gcctgatatg 660  
 taacaaactc ctttccattt tcttgctttg cttaaatctc caaagtcctt ggagctgaag 720  
 ccaagcgggc ctcataggt ccactttaca gaaaagcaaa ctgagtcctc aagaggggaa 780  
 gtcactgagc cgggtacctg ccgcgggccc ctcga 815

<210> 24  
 <211> 555  
 <212> DNA  
 <213> Homo sapiens

<400> 24  
 ggtacctggg cttaacagta atagagaacc tcattttatac catacagaca cagcaactta 60  
 ggaagacagc actgatagca tttagctagt tgtaaccaaa tacaaatatg taaaattgag 120  
 aattatgatt aacatatgca actttagtaa taggaataga tgataatttt cctgtattgt 180  
 ttcaaataag tgactgttca gctgggatcc attggattat aatttacaat gtcacataat 240  
 attatgcttt tcaatattga tgagtgatgt aaacaatata aagttggcag tttgtagtag 300  
 ttcagtatcc tagaaataca ttgaacttca taagtatcag ttcattttta agcatacaga 360  
 attgaactga tacttactga aatcataaac tcagaggaaa caagcccatc tttatcacta 420  
 attacttagc ttgaatactt ttctattttt aaataatcct aattattgcc ttttcaatta 480  
 tagtctactg gattttattt tatgggatca acagggtatt atcaaacatc tactgtgtgc 540  
 ccagcactac ctagt 555

<210> 25  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<400> 25  
 ggtacaagct tttttttttt tttttttttt ttttcccttc attgtccagt ccccatgaat 60  
 tattttatttg ttatttaaatt caactgaatg agattttcaaa gcaacgaaaa ttgaagttca 120  
 aatgaaacca aattaccact ctgagctcca ggtggccctg acagcccagt tttgtgaagg 180  
 gcccttgagg ctgttccactg aatctgagat gtcaccaggc atggagggtc tctgatcagc 240  
 atccagagct ccagagtagg gagcaacccc tcaccaccac ttctgggccc caggcaaggc 300  
 agagaccaaa agaaccctgg taagggtccc caacctccat gttcatttaa aaaaaatgtt 360  
 taaaactgac aaataataat tgcatatatt catgggggtcc atcatgatgt ttt 413

<210> 26  
 <211> 638  
 <212> DNA  
 <213> Homo sapiens

<400> 26  
 acttagaatc gtgtgtccat ctgaagccag tgcagaggcc aaagtcagtc aatttaatat 60  
 gaccatcacg atcaatcaaa atattatcag gtttaatatc tctatgaata aaaccatttt 120  
 taagggaacac ctttcaaact gcacaggtaa gttctgctat gtagaatcgt gccagacttt 180  
 ctggaaagat gccatttcta attaataggc tcatcatatc acccccagga atgtagtcca 240  
 ttacaaaagta taaattgtcc ttatcttgga atgaataata tagacgaact acccattcat 300  
 tgtcagcttc agccaggata tctctctcag ccttaacatg agcgacttga tttcgaagaa 360  
 gaacatcttt atttcgaaga gtttttggtg catacaaagc cttagtatct acttttcttg 420  
 ctagacagac ttcaccaaatt gctcctatct ctagtgtctt tatcttcaca aacatagact 480  
 tgtccatttt agccctttta agacggatgt aattagatct tttttggcaa agcatctttc 540  
 tcatttgatc ctgggcatct tgagataatc caaccgcag catttcattc tctaattgtt 600  
 ttttacgatg tagacgtgc tgatgagatt tgagtacc 638

<210> 27  
 <211> 236  
 <212> DNA  
 <213> Homo sapiens

<400> 27  
 ggtacacgtc gttctcttca agatctcata gacaatcgtg ctccgggttt tgctgtcgaa 60  
 aaaggaaatcc ttatcagaca agtcaaatag atgctgcttc tcccgggaga agggatagga 120  
 gagtctcttc atgggtctggg gcctgtgctc agccactttg ggctggatgg gatctgtgat 180  
 tttctggagc acagagttga tttttttcag gaggccacgg gtctcattaa tgtggt 236

<210> 28  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens

<400> 28  
 ggtaccacgg gaaagatcag gactttggct gcaccctttt ccagctcctc catgttacag 60  
 atcatatggg cacaagtggg aaaaatctcc acggctcggg aacgggttcg aataccatac 120  
 acctcagcca tgggtgaagat cttatacatc tctgggagaa tgacaggagc aacaaagtgg 180  
 catctgtgtg tctgttactt tcacgagtga attctgtcag cacacgcatg gctccatgga 240  
 cggcatttaa gtctccgctc accaacaatc ccatgagcag gttgaagagt tggggccaag 300  
 cttcaggcca gtcccagtgg gcaatggctg acactgcata ggccacactg gagcgacatt 360  
 tgcattatcg ttctctcaac ccattaggca atagctcccg gataacaatt tttgcccttt 420  
 ctgtagtctc aggaggccta aatttctctg attgggcaca ccagtgaagc tccacatatt 480

gtttcaagat	gactgatgcc	agctgacgga	ttgccagtgc	cccttgggga	tctacagtca	540
gttctgccaa	gtgaacacca	aattcctccg	tcacctccag	caccttaatc	tgttcttcag	600
cagccgc						607

<210> 29  
 <211> 612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

<400> 29						
ggtactaact	cgctttacct	ttctgatatt	cgctctaaga	ttttacttcc	tattatatag	60
tgtttgagc	ataccagggg	gaaggacctg	tcacttctta	atgaatggcc	ttgggtcaagg	120
gtttttaaag	tttcagggtca	gaaatgtgga	tgtgaaaaaa	tgttttttta	gaccttcaca	180
ggcttactag	tatcacagca	ataaatgatt	ctaccaggat	attcttcgta	gacttagttg	240
gcctggaggt	agacttttaa	ggatataatc	gtgcttctga	ataaaaattag	ctaagaattc	300
aacattatgg	aattcaataa	attccagggg	gaaatcagtg	aattaggata	cactgcctct	360
taaatttctaa	accctatata	tcccacctgt	tgcatgtang	gggcatgtgt	gcatgtggca	420
tcaaaactag	ctgnggaccc	ttttttttcc	ataaaaattg	gncntactca	tccttgggng	480
aaaaancctt	gaaggnaaaa	tctgggggtna	aaaaaaagct	ttgggctgtg	gaccaacctt	540
ccangttccc	nggggaagggg	ttnggacctt	gnaaaaannc	cntggaantg	gcttgggcct	600
tggattactg	cn					612

<210> 30  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<400> 30						
ggtactgtta	tcatagcagc	actatccaac	atgaaagtaa	tcttataatt	tgcatttgtg	60
cccactccca	gctctttcat	tttagcttca	atccacttca	tatttgttgc	agaccaaata	120
acaatgtcat	aatcttcata	ggcagatgtt	agaaattcat	gaagatatgg	ccgcattaat	180
tctaccccag	tctctgcaca	agacctgtgg	tcaaataatg	tataatcaac	atctagcacc	240
aaaagctttt	tcccttccct	gggaggattc	aaaatttcca	ctttgc		286

<210> 31  
 <211> 606  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(606)  
 <223> n = A,T,C or G

<400> 31						
accttatttt	gctgagctta	ttatataata	ccagagcaga	atagaaggta	gaccacggg	60
aattcaaata	ttggctgtgc	caccacttcc	ctgggcaagt	cacttccctc	ctctgtgtcc	120
atttccaaat	ctttgaaatt	cagtttagaaa	catcacttta	aaaacagggt	tgttgtgaag	180

atatttatgag	ataatgtata	aaataagttc	ttaccaagta	tcagctatga	tatttatgat	240
atatttagagt	tattaattat	actgtgagga	ttaaggaact	tggcagagga	atacagtagg	300
tgcttaaagt	gtatcctaaa	atattattta	aaaataaatg	acagtaatgg	gaataccgca	360
attacttttg	caccaacgta	ataatagtag	gatattttaa	gttgagatca	caggaatcag	420
tcagatatg	tctcatttta	cccacaggtg	gcgctcatgg	ccgggtttaa	ttctgaaaaa	480
ccttaaaaag	tcccttgggc	gngaaccnnc	ttanggcgaa	ttcccgnnca	ctngngggcc	540
gtctaangga	nncnatttg	ggccaacntt	ggggaaccng	ggcanaccgn	tcccggggna	600
aatggn						606

<210> 32  
 <211> 615  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(615)  
 <223> n = A,T,C or G

<400> 32						
ggtaactcatg	catcttcctg	agcagctctc	ttatcttctc	agtaacatag	tcacctctctc	60
actggaaagg	tctgtatttt	atactctttt	gggttaaagtc	actggcagac	agaaacatca	120
atataccta	tcaggatgga	tgccacagtc	tgcccagtta	gctcattaat	tagataattc	180
tttaaaaaata	ttgacaaacc	attaatttaag	agctgattat	tcacacatca	aacaattctt	240
cacttaaaact	agaggatttc	tttaaatagc	agctccccct	ggctgcattt	atctctttgt	300
gtaagtttat	tagctatttg	gcagagaaat	ttcagaatgc	cagctacaag	tcagtgcagt	360
tgaagaacag	aatgtaatgg	agggaaagta	tttctggaag	catggcattt	attccaagaa	420
attatctaag	aatgnaattc	ctttggaaag	tgcttaatat	aattatatat	gnaatcncaa	480
ttaatttctt	aaataantct	ngggaatggg	ccagattttc	tggtttggaa	aagccccggg	540
ntttngaate	caaataantt	gnccaggctt	tttnnnntng	nccnnggtng	accnggggtt	600
gattcaangt	ttcnn					615

<210> 33  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 33						
acagacttcc	atctccccaa	catcttgaag	atgtatcaat	ttttttaaat	taagaattac	60
tttaaacagc	actcatttca	gaagataggc	agagggtatc	aaacttctgc	tccaatcttc	120
tcattattcc	aaggttcata	aaaaccactt	aggaagacct	tggttactgt	gacacatcac	180
agctataagt	gtaggtggcc	tagactctcc	ctatctctta	gctgccctga	gtcatgtgaa	240
ataagatagt	gaccttctcc	atcatcccta	gaggctctct	ccccgagaga	gagtacc	297

<210> 34  
 <211> 468  
 <212> DNA  
 <213> Homo sapiens

<400> 34						
actgtttagt	gggatccatt	ttatacaggt	gacggtcagt	gacaaaaatt	gctctgtctt	60
ccaccttact	aatcgattt	accttacgga	cgtgacagga	aaagaggaca	ttcatgtatt	120
tgctcttccg	tttcaattca	ttagcaacag	ggacaaaagt	gcctgaggtc	tgagggtgat	180

ctggcctttga	agcaagatag	ttgccctccc	aggccctctg	gagcccgagg	tcagcccttt	240
gacccttcaa	catttccacg	gctgcaacct	ttgccctgac	ctggggcagg	tctgaggccg	300
gaatgctctt	gatgagctgg	gatgctctcc	atctattgaa	aatcgtctgc	agggcctcct	360
caaaacggcg	aagaacttta	ggaggggcttg	gccacttcac	gtgcttcccg	tagtctcgca	420
tggtcttgac	gccatggaaa	cgtctggcca	cctcgtggat	gtacctcg		468

&lt;210&gt; 35

&lt;211&gt; 314

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 35

ggtacttatg	gctccagata	aaatctctgg	tggccacatt	attcaagact	ttttaaaagt	60
ctttatctga	aatatcttca	tagacatgaa	tatgaaagtt	ctgaaaattg	tgttcaatgg	120
cccgtgtgtc	ccagaagatc	ctaattgtaaa	gatgcatatt	tataaagtaa	tttatagaat	180
aggattaaac	atatgtagaa	ctttattaag	aaaatataat	gactttggga	ccaattacag	240
gcccttgaac	agccacaata	ggctcaggag	ggctgtgctt	ctgtgtaaag	tcccctccca	300
gacaccacca	gggt					314

&lt;210&gt; 36

&lt;211&gt; 600

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(600)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 36

acccaatgtc	atgggaatga	tgtgcctgtc	acccccattg	gacaagctgg	ggaacagcca	60
taggggggacc	agcttctgcc	agaagttggg	gtctctcttc	aatttccaca	actatgacaa	120
cctgaggcac	tgtgctcgga	agttagaccc	acggcgtgaa	ggggcagaaa	ttcggaacaa	180
gactgtggtc	aacctgttat	ttgctgccta	tagtggcgat	gtctcagctc	ttcgaaggtt	240
tgccttgtca	gccatggata	tggaaacagaa	agactatgac	tcgcgcacag	ctctgcatgt	300
tgctgcagct	gaaggacaca	tcgaagttgt	taaattcctg	atcgaggctt	gcaaagtga	360
tccttttgcc	aaggacaggt	ggggcaacat	tcccctggat	gatgctgtgc	agttcaacca	420
tctggaggtg	gtcaaaactgc	tttcaggatt	accaggaatt	tctacacaac	cttttgaaac	480
tcaggcttga	gggcacaann	tgaaggccct	nttcnaaang	aaacttttaa	aaagccttng	540
gttttaaccc	ncgggtcant	gnnnaatccc	tggtttaana	aaaaancctn	gacttggccg	600

&lt;210&gt; 37

&lt;211&gt; 516

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 37

ggtactgctg	taggaaagaa	attaaggaca	gttagtatgg	gcctgtgaat	tctggcatac	60
atgttttaaat	caattacaat	tatgcaagta	aaaaaaggat	atccccact	aattcatgca	120
ggctgaaaag	tctagtatgt	aaacctgcag	cagaatctaa	ttttaagaaa	caggcaccta	180
atthttgattg	tgaaactcac	tcacctgagg	aaagcttcca	tcaggctcac	tatgccctt	240
gtgctgactt	gcacactaaa	attagcaaaa	cagactccaa	ctattaaaaa	tatcaaaactc	300
ttcgtataca	tacttttgtt	ttaaacttta	gtatgcttag	agcaaagtag	gtgcctttac	360

taagctatat	ttagagcact	atgggggggag	ctctagtgtg	agaaacagtt	tctcaagggt	420
aacaatccta	aaaatctagg	atgtggaatg	aaaactttca	ataatttgaa	agtattttga	480
gcagaaaaat	acatttgatc	caagtataga	aagcgt			516

<210> 38  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 38						
actgaaagga	tgaaaagggtg	gtgtcatgtt	ttggggagaa	tcttacttct	caaatggaaa	60
ttgcactttt	tgctgaatcc	tttgcathtt	tttggtagta	agcagttcat	tgagtatcag	120
gtcctcaaag	gaatgagttg	gccccgctag	gggtggccct	cttgacctaa	cttcagaggg	180
ggccttggtc	cagtaggtgt	gaatcaggga	agccacattg	tcctcagggt	gctgtatgaa	240
gctgggtgtg	ggcggattcc	tcccacacct	tcacactggc	ctgcctccaa	ctcatacaga	300
tctcgagcgc	gtcgggtacc					319

<210> 39  
 <211> 592  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(592)  
 <223> n = A,T,C or G

<400> 39						
acctacactt	ggaataagac	actgttctga	atgtgtgtca	tagttttttt	ttcatattga	60
cattaataga	ggcttctatt	gggggttaggc	taaaaatcct	ttgtaaaaaa	ttttaaatga	120
cactgctgat	ttttctccgt	taattatcag	tttataagct	aataaaaaact	ttggcttgat	180
attacattct	agtggttaaa	tttgcatag	aagggaatag	tgctgagtta	cttatgtatt	240
gtaattctga	gattacgatt	ttttatttga	aaattagaca	aagtttggtt	ttaattttta	300
tttcatttta	ataattgagt	tcagattaaa	tgggaaggct	aaatttgat	tcctgttttc	360
tctcaaaaata	ctgnttttct	attattttta	ggcattcctt	ggaggtctaa	aattgggcat	420
ttataggtgt	tgatgaaagc	acacccgatt	taaagaatgg	atgaccccc	ttctgnatna	480
aacctttaat	ngaattttta	annccaaact	ttgggtcctt	taaacctngg	acctcctttc	540
ccnnaatccc	cttaaaaaaa	ncntnggent	tngcanaatt	cnntttgccc	aa	592

<210> 40  
 <211> 577  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(577)  
 <223> n = A,T,C or G

<400> 40						
ggtacagaac	ctaaagggtt	cactgaatgc	gaaatgacga	aatctagccc	tttgaaaata	60
acattgtttt	tagaagagga	caaatcctta	aaagtaacat	cagaccctaa	ggttgagcag	120
aaaattgaag	tgatacgtga	aattgagatg	agtgtggatg	atgatatcaa	tagttcgaaa	180

gtaattaatg	acctcttcag	tgatgtccta	gaggaaggtg	aactagatat	ggagaagagc	240
caagaggaga	tggtatcaagc	attagcagaa	agcagcgaag	aacaggaaga	tgactgaat	300
atctcctcaa	tgtctttact	tgaccattg	gcacaaacag	ttggtgtggt	aagtccagag	360
agtttagtgn	ccacacctag	actggaattg	aaagaccag	cagaagtgat	gaaagtccaa	420
accnggaaaa	ttccaagaac	tcngtgcctn	gactggatct	tgggganaac	ccttggttnt	480
taaaannngg	acntttttnc	cggcttgggg	ccnttttaga	tttcaaagtt	tcangaaccc	540
aaacggtcct	tnattaaanc	cggngattgt	tcgaagg			577

<210> 41  
 <211> 490  
 <212> DNA  
 <213> Homo sapiens

<400> 41						
ggtacacaag	agtataggta	tataaaacta	aatgaagtca	atcatattga	ttatcccccc	60
aaaaaaaaata	taatctaaag	aataatcagt	tcctaaataa	ttgaaagctg	cccttacaaa	120
ataaaaacaaa	agaacacaca	tttcgttggt	ttgccaggc	tggtctcgaa	ctcctgggct	180
caagcagtcc	tcccacctcg	acctcccaag	atgctgggat	ttcgggacat	gagccaccac	240
gcccggggcca	aagctgcctt	tttttaacat	ggattttttt	tccccattc	gttggtgctca	300
gaagtcattt	cctcttattt	ttctctgcta	atgtgtgctt	taacaaacct	gtttaaaaacg	360
acaagccttt	aatcaactgg	ggtgttttgt	tttgtttttt	tcttattttc	ttaggagtca	420
gtggatcggg	ggggaaaatg	ctgcttacct	tgggccttgg	gctgtagaaa	gaagacacca	480
aaggcaaatg						490

<210> 42  
 <211> 571  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(571)  
 <223> n = A,T,C or G

<400> 42						
ggtacttgcc	ttttaacttt	ccccacatt	actgttgagt	catggaataa	tgtttaagtt	60
gttatttgca	tggaatataa	gtaggctgtt	tatttatcta	aaggaatcaa	gtccactcct	120
ctgcctgcaa	catttggttca	aaaactaacc	aaggtaaaat	atttatttga	aagcccaact	180
ttgatgttaa	atattcttga	ataaatctgt	tattttaaga	atatcacatt	attcaatgca	240
tataaaacta	tcagaagtta	gtaaatcata	ccagcactaa	aaataagaca	attggaatat	300
attttagcat	cagttttaca	acaactttat	tatcaacaga	aattttagct	cttttctttg	360
caagatatat	cacagctgct	ttgggcagta	gctgaagccg	aagtatgaac	agtccatttt	420
gtttcttaaa	atttgaagtc	gtgtctgtcg	tagcattttt	actaccagca	gtatgttact	480
taaaaaacta	catggctttc	cttgaattta	tttgaccgna	ttatgtaata	gacttgaaac	540
aattgccatc	ttttagnta	tgcttgggtt	c			571

<210> 43  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



&lt;222&gt; (1)...(708)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 43

aggtagctgca	aaaatgaagt	attattctct	aagtattcat	tttatccctt	tcatttcagc	60
aaaatcacac	atttgaataa	acaggatcga	aatacgacac	ttgtctttcc	tcttaattta	120
aggaatata	tgttttagatt	attgttcata	ttagacaact	gcctcaaaaa	tgttttaattg	180
ccatccaata	aataaaacttt	tgatagatta	tgactttttt	taattttaag	ttgttaagaa	240
tattaacttt	gagtcctcta	ttaatattct	aaaagctagg	attcaattca	gcagtttcct	300
ataacatttt	agaacccaag	gcataactac	aaagatggca	attgtttcaa	gtctattaca	360
taatacccg	caaataaatt	caaggaaaag	cccatgtagt	ttttaagtaa	ccataacctgc	420
tggttaagtaa	aaaatgctta	cgaccggacc	acgactttca	aaatttttaa	ggaaaaccaa	480
aaatnggacc	tnggtgccat	taccttttgg	gnntttcaag	cntaccttgg	gccccaaaag	540
ccaagcttgg	nggaatataa	tccttggcca	aaggnaaaaa	ggaagcctta	aaaantttcc	600
ngggngggaa	naantnaaaa	gttnggtttg	gnaaaaaccn	ggangcctaa	aaaattttta	660
tttccccaaa	ttggggccct	naaatttttn	aaagggcnnng	ggganang		708

&lt;210&gt; 44

&lt;211&gt; 632

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(632)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 44

ggtactagg	ctattaaatc	tacctgctta	aaaagggtttt	gaactgaaga	ttccaggagc	60
tgagcagctg	cctcttcaaa	ggttttgaga	gtaacaaatt	ggacctggta	gtttttgcta	120
acaggggtgga	ggccgttgat	catgccctca	gtgggtgatga	tggccaggta	tgcaccgcag	180
gggctcactg	ctatcccggtg	agtccttact	gagccaaaca	catctgagag	tttaatcaac	240
tggtgttcaa	acttcaatgc	aacatctgtg	aaaatgggaa	tcagctgcct	cacctttccg	300
tactggagc	aagtatagac	tgttccattc	tgtttgtctg	cagtcattgga	gacaattggc	360
agtgaattga	aggcctgtga	catgggaatt	gtgaaccatt	nagccctgct	ttggagatca	420
gaagangaca	ccaaaattca	taagancctc	ttgcagccca	cttactaaag	ctgcnactac	480
actttttggt	aagggatgaa	taaangtggc	ccacatttng	atactgngca	cnagntaact	540
tgggnccatt	tcttttccnc	aagannacca	gggttgnctt	aaagnggaaa	tannctttna	600
cngnttttnaa	aattncccn	gaaaaatttt	tt			632

&lt;210&gt; 45

&lt;211&gt; 664

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 45

ggtacccggt	ctacagtaga	gagggttttat	gaaaataaaa	tacaagacca	aattcaaaga	60
gcttttaaaaa	ccacagagcc	agacaaatgt	gagagggttat	tatgagcaaa	caatgacatt	120
acagaagtga	aagtgtctcaa	gtgccatcaa	gaacaagggc	tctatttcac	tcccatgtgt	180
caccataata	aagacagagt	ccctgatctt	aaaggcatca	attttgcccc	actggaagcc	240
ttaattgtaa	ttcattaata	cagcagcatc	ctaaaagtta	ctgccgtttc	taggaatcca	300
aacaactggt	tttaggtcct	aaagaatttg	aatcatttaag	aaattttaag	taccactct	360
gggccagttg	atggctgcga	agagagcaga	aggggtgctg	ctgtaggaaa	tcaatggctc	420

ggaagaccac	actgaggaag	gtgtgagttg	atactggaag	atctccaggt	ttgaggcatc	480
ttcagaggta	tatgggtggt	ttgtgtgtgt	tgaggggtgt	gtagcgcagc	agctccctag	540
ggaattagaa	gggttttattg	aacattttacc	ctgtgacagg	cactgcaggc	attcagcgcg	600
cagtgtcatc	ttcatttttac	aggtgaggaa	aagactcagg	ttcaagtaga	tggtcaaggc	660
cagt						664

<210> 46  
 <211> 633  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(633)  
 <223> n = A,T,C or G

<400> 46						
ggtacgtggt	tatgggatgg	gcacactaga	tgagatggaa	gaagatgtgc	cagtgatgtg	60
gagacaggga	gtgtgggaga	ggagcaggta	gagctcagag	acggtgcact	taggcctgtg	120
gtcattgggg	gtgacccaag	tagccagcag	ctgcccagcg	ttttgtgttt	ctctcctggg	180
tccttaggag	tggaaattgt	gtaagaacaa	tgtgtgaggt	tgtggcctgc	ggggcagtta	240
gcagttgtca	gaccggtgcc	tggaaagtgtt	tcttgatca	ggaaatcagg	actgaaaggg	300
gcattaagtt	tgtctggacc	accctgtcat	tgtgcaatgg	ggagatcgag	gccttttggg	360
aggaaaggcc	ctgcttaagg	gccgtataat	tgaagtcagt	ggctgtgttg	gggcctttga	420
acctgccaaa	agctggtgcc	tttctccact	cctcagtgtc	tatgccccaa	gtgaggggtc	480
agnccagcct	ctcccacttt	cctcccactt	tcactaagca	cctgctctgg	taggcccagt	540
gctgtatgct	gtgaactcag	gctggttagg	tgctaattta	ttcaccacag	cagacattct	600
agtggtctct	gcattggcagg	cactgttcga	agt			633

<210> 47  
 <211> 433  
 <212> DNA  
 <213> Homo sapiens

<400> 47						
accagttgct	cctccatgat	ggtctgggat	cacagaggct	ccaagtgggg	acttcactac	60
ctagaccagt	ccccacatg	gtccctccct	gggctgcac	tttgccctgtc	ttagtctcct	120
gtgttccttg	agaaagtggg	gtcaataaca	cctttctctt	caggttgtgg	gagaacggct	180
cccagccacc	ttctgttttc	ccttctcttt	gagctctaga	ttcagggagg	gggtaaggca	240
agaccagggt	ccagaagctt	ggctgagacc	agaagccagt	gcttactgtg	ctactgccac	300
cttcagcagc	aaggggccca	ccaatcaggt	ccctagattc	aggccccagg	tgagagctgcc	360
ctccccgattc	tagggagcct	ctctacctga	aagggtgcaca	gaaaaacact	gcagaaaact	420
caccagcaa	ggg					433

<210> 48  
 <211> 633  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(633)  
 <223> n = A,T,C or G

```

<400> 48
acttcttcag gtaacactgt aaggatctcc agcaaaaaag gcaaagaagt cacatcattg      60
ctgtattttt ccaccagtgt ttgcacacat cccttccagg aaggcatctg tagggcaaga      120
tctgctattg ctaaagccag ctgctgtaca ataacagggtg acaagtcttt caagttctgg      180
atatgggtta gcaatgagtc ccgtaaagag gcatgagagt ctgtggggag ctcataaaat      240
gaggtctgaa tcttcatttt catggtctgt gcagcaaaat agcatgactc cacatcctgc      300
cggatctgta acaactggtc tgagatctcc catgcatgaa ccgaacgctg cagcttccca      360
agcnaaaaag agnggccgct cctttcccgc tgggatctgg ggtccgtggt aaanccgct      420
gcactggctt ggtaccacca ataaaggnc aattncgaaa aaaaaanaaa aaaaaaacc      480
ttggccggga ccacncttan ggcgaaatca acacactgcg gccgtctang gatccactng      540
naccaaactg gcgtancatg gcnmactggt tcctggggna attgtanccg ttcaaattcc      600
ccaattacaa cccganncta aannaaactn ggg                                     633

```

```

<210> 49
<211> 624
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (624)
<223> n = A,T,C or G

```

```

<400> 49
ggtacccctc tctcacacat gtcaaataatg aagaggcaga aggagccaat ggcaatgggt      60
ccgacttgct tccaataccc tgcatgtgg ttccgctcgt gctgatccat catgtgctcg      120
ccacagaaga tgatccagaa ggacagaagc atcgcataga agatgccctg tcggatgtca      180
ccaaacagca gcatccaggt ccagtcaaac ccgatggaaa accattccac tgggatattg      240
ataaagggtca tggaaatccc aagggcaaag atgacttttt tcagaagcac cgggggctcg      300
gacatcatgg tgatcctcct ccaataccac accataatga tgaagatgct gggccgtaag      360
gaaggtcttc atggcaaacc acaccttggt gaagcctcca ttttggtgga tccccaccaa      420
cccggatata ctttatctcc caattcccac attgatttct tcttcttatt cacaggcagn      480
cggatgttna aangnaaaac ttatggccac agaccattt natgaaagga agacttacat      540
catagtacgg ccttatgctt ggatcttggg anntgagggc attgagntcc nggactgccg      600
gcggggcntta aagngaattc acnn                                     624

```

```

<210> 50
<211> 733
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (733)
<223> n = A,T,C or G

```

```

<400> 50
ggtaccacaa agacagaagc ttcacaggaa gagcgggtcta attcaagcgg cctcacatct      60
ctcaagaaat caccaaaggt ctcatccaag gacactcggg aaatcaaaac tgatttctca      120
ctttctatta gtaattcgtc agatgtgagt gctaaagata agcatgctga agacaatgag      180
aagcgttttg cagccttgga agcgaggcaa aaagcaaaaag aagtgcagaa gaagctggtg      240
cataatgctc tggcaaatct ggatggtcac ccagaggata agccaacgca catcatcttc      300

```

ggttctgaca	gtgaatgtga	aacagaggag	acatcgactc	aggagcagag	ccnntccagg	360
agaggaatgg	gtgaaagaag	tctatggggg	aaaacatcag	gggaaagctg	gttggatagc	420
agtn gatgat	gaccnaaatc	tggantcttg	naagaatgac	cggt nattan	ggntccaaaa	480
atttaaacc	ttangt tttg	aagggggccna	aacttnggac	cnnaaanctt	cattgggatt	540
taaccaggtn	ggnaentttt	gggcacccca	ttgacccgna	tttcccccat	tgggaccttt	600
tcgaatttct	tanaaaactt	ggncnngga	aaaaaggga	cccgggaaaa	agggtaaaat	660
ggaaaaggaa	aaacctggnt	tngggaaaaa	aaaaacnttt	gccccaaaaa	aaaaaangaa	720
aagccccctt	ttt					733

&lt;210&gt; 51

&lt;211&gt; 565

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (565)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 51

acattaagtc	aagattgagc	tttgatttaa	aaggaacata	aatcctttac	attataaagg	60
gaagacataa	atctctccaa	tctaaatttt	ctcatcttgg	atgatgtcat	taaactgcag	120
ctcaaactga	gattagttta	gaattttatg	taaattacat	ctttgaacaa	atgagaacaa	180
ataactcatc	tgcagaatat	ataaagaacc	ttcataatc	aaaaggaatt	agacaagcac	240
ctagttttta	aaaataaatg	gtgaataatt	taaacagaaa	cctcaaaaaa	gaaaatatca	300
gagtggccaa	taagcacata	gaaagataca	caacatcatt	agtttttaag	agaactacaa	360
attaaagcaa	ccataaagat	acctcccaa	cactacnaga	atgactaaat	ttttaagtc	420
cgacagcgtt	gtgcccgggtg	tcccaatacc	actcagggtta	agtgatttct	ggaanggctc	480
cagaactcag	aaaagctata	cttgctatcc	tannngtatg	ggttggtacn	gtggaaaaat	540
cccgggttaa	tcaggtaaag	accn				565

&lt;210&gt; 52

&lt;211&gt; 637

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (637)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 52

ggtacgttcc	aaagaaccaa	ctgggttcttg	atctgctcct	gagagataac	cttcaaattcc	60
ttgaaatata	ctgcatgata	agagtgagtt	tgtaaatgtg	gggccttcga	tcattgcaaaa	120
tagtttatgc	taaccatgtg	atttatgggtg	gggaacttga	ccatgctgtc	agtttgacat	180
ccggaggggc	cgagtgttaa	gtaactaagg	ttggccacat	gggcaatcca	tgcttctgta	240
actgaagcct	aatagaatct	ctagacaacg	aacagcttgg	gtgagcttcc	ctgcttgata	300
atattccaca	ttgntttctg	gaagaattga	acattcttta	cacagcttca	ctaggagcag	360
acaactggaa	atttgctctgn	ggntctctct	tgggagaact	ctgggncttt	tacctggatt	420
taaccnggat	ctcttnactg	naaccaaccn	ttacnttag	tatngccaag	gataactttt	480
ttgaagtctg	ggagtccttc	cgaaaatnct	taacctgatg	gnnttgggan	ccccggcaan	540
cttgnggcct	ttaaaattan	ncntnttgna	nggtgggggg	gntttaaggg	ggtttaattn	600
gagtncttaa	aactaagnng	ggggggnttt	ttttgggn			637

<210> 53  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(632)  
 <223> n = A,T,C or G

<400> 53  
 ggtacatcca agatttgaag aactgaaata aatcagcttt aaacctgctt tttaaaaata 60  
 tctgggttgg aatttgcccc tgacaaataa taaaatgatg agtgatgcaa gtgacatgtt 120  
 ggctgcagcg ttggagcaga tggatggtat catagcaggt tctaaggctc tggaaatattc 180  
 caatgggatt tttgattgcc aatctccac ctctccattc atgggaagtt tgcgagctct 240  
 gcaccttgtg gaagacctgc gtggattgtt agagatgatg gaaacagatg agaaagaagg 300  
 cttgagatgc cagatcccag attcaacagc agaaacgctt gttgaatggc ttcagagtca 360  
 aatgacaaat gggacacctt ccagggaacc ggagatgtgt atcaagaaag gctggcacgt 420  
 ttagaaaatg ataaagaatc cctcgggtctt canggtaagt gtgntaacag accagtggan 480  
 gctnanggag agaaaatcna gaattggagt ttggcttgaa aaccngaga gaattgaatg 540  
 cccggaagaa tgctgcacag gagctntaat tggacttctt aaactcnaa ttggactgan 600  
 gctgaaantt acctgagttg actgnnttgg tn 632

<210> 54  
 <211> 661  
 <212> DNA  
 <213> Homo sapiens

<400> 54  
 acaatagaac tttcagaaaa ttctttactt ccagcttctt ctatgttgac tggcacacaa 60  
 agtaaggctg ttgctttcaa tgcattgcaat attaaacttg agtgtttact aactctgtgt 120  
 tttgcttacc tggcttttct tccttgaagt tgcttaattt tttttcctcc aagaggaatt 180  
 atttaaaaag acttttgtct gtgacataac caagatttat tctgtttacc taaggaaactt 240  
 attttctttt ttgcaatttc atttattctg agtcacttta tttgtaataa gtgaagaatt 300  
 ttaatactta gaaataagtt gtaaagaaaa taatgagaat cttaccatgc tttagaggaa 360  
 cggtaatttc tagaaatagt taaaagatga aataactaaga tattatttta ctttctttat 420  
 atagctgtat atactggtag tatgaaagca actagtgtca ttgatgattt ttgggggggg 480  
 tatttttgta ttctaggctt gctgcaacct catttagaga ggggttgccat cgatgctcta 540  
 caggttatgg tggttggtac ttccccacc aaatcgtaga aagcttcaac tttaatgcg 600  
 tatgatttcc cgaatgagtc aaaatgttga tatgcccaa cttcatgatg caatgggtac 660  
 c 661

<210> 55  
 <211> 628  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(628)  
 <223> n = A,T,C or G

```

<400> 55
acaactgcct acattctttc tgtttatcac ttcagttaga agtggtacat tcccaaactc      60
taatgttaat ccgagaacgg tggggagacc ttgtgcaggt ggaaaggtat catgctggaa      120
agtgcctctc cctttcagtt tggaaatcaac aggttcttgg gagaaaaact ggaacagcat      180
ctgttcacaa agttacaatt aaaattgatg agaattgatgt ctccaagcct ttacagattt      240
ttcacgatcc tcctttgcca gcttctgatt ccaaattagt agaaagagcc atgaagatcg      300
accactttatc aatagaaaaa ctcttgattg acagtgccat gcaagagctc atcagaagct      360
tcaagaactg aaggccattc ttagaggctt caatgccnat gaaaactctt tcatagagac      420
tggctccagc tcttgggtgg nccatcttgg agccttgnng naattcanan tggctgccat      480
tttgnagaat tacattcttg gaaggntcaa tggagcttta tngacttgnc aggccctntg      540
ggtgaatggg aancnnggat gagatttgaa ccaatntacc cggattanca cttaagtttg      600
nttgcaaaaa ngttcaggcg nntnaaaa

```

<210> 56

<211> 635

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(635)

<223> n = A,T,C or G

```

<400> 56
acctcagctg gggaaccgtc ctagaaagag atggccacta tgctgtagct gccaaatgct      60
atttaggggc cacttgtgct tatgatgcag ccaaagtttt ggccaaaaag ggggatgcgg      120
catcacttag aacggctgca gagttggctg ccctcgtagg agaggatgag ttgtctgctt      180
ccctggctct cagatgtgcc caagagctgc ttctggccaa caactgggtg ggagcccagg      240
aagccctgca gctgcatgaa agtctacagg gtcagagatt ggtgttttgc cttctggagc      300
tactgtccag gcatctggag gaaaagcagc ttctcagagg caaaagctcc tcctcttacc      360
acacttggaa cacgggcacc gaagggtcnt tcgtggaaaag ggtgactgca atgtggaaaag      420
aacatcttca gcccttgaca cccctgaccg tattanggaa nccttnanaa acttgagaac      480
attnagtacc ttgggcccga acacccttan ggcgaattcc acncactggg ggcggtacta      540
nggggntcca acttgggccc ancttggggg aanatnggcn aacnggttcc ttgggaaatg      600
ttacccttcc aatcccncaa ntnaaccgg aggnn

```

<210> 57

<211> 345

<212> DNA

<213> Homo sapiens

```

<400> 57
actgcttgga tcttgccttc tccaagctgt gcacacacat aaggcagatg atgaccattt      60
gaaagatgag aaggtccggg aggaaagcat atccactctc atactcctcc tcactctcac      120
tggccaggct gaggttgggt gaggagggca ggtagaagag gcagaggttg aagtcccca      180
ggactgactg gcaaagttag gtcagctctg agtccacgga gctgcttttg ggctgtagga      240
ggctttgcag atacataaag ttcactagca accttttaac gtctttacat cgctttttgc      300
caggagacag tttccgagtc tcacacttct tcagttgggtg gtacc

```

<210> 58

<211> 638

<212> DNA

<213> Homo sapiens

```

<400> 58
ggtacttctt cttctctctc atcctcacta gaggtcttct ctgoggcatt attagacctt      60
gggggaggag cagtggcagt gccatctgcc ttctggatcg atggcttctg acagatgtat      120
ttgggggtccc ttccaagatt acagatttct tcaagtaact tgatgatggc agtcgttgca      180
tctgttttaa ggggtgggctg atgtctcatg agctcatcga cagcactccc caggttggtat      240
gcagtatccc caaggggatc agaacttctc ctctccgca tggctgggag gtaatctgga      300
gacagaagaa ctttgaagag gcgttcaaaa ggctgacact gaacaaaaga ctgaagacct      360
cgggcattca aacagagtgc actgaataca tttgggaggg agccaaggac ttcacgggta      420
gcaggaacat ctttgataaa gcagtgcatt cagcatgaca tctggcaatc cattgtcctg      480
gagtgaggag agcagtgatg gttcttgaaa tacaaacaca gtcaccactt cagtgcctag      540
gaggaagagt gatgggccac agtattctgc attgctgatg atgtgtttca gggaggtagg      600
cagagaacca tccatcacat gtcgtatgcc atctgaga      638

```

```

<210> 59
<211> 728
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

```

```

<400> 59
gcgtgggtcgg cggccgaggt accatgcccc gctaattttt ttacttttag tagtgacggg      60
tctcactgta ttgcctaggc ttctcaaaact tctggactca agcaatatgc ctgcctccgc      120
ctcccaaagt cctgggatta caggcatgag ctaccgagct cagttttgaa aggtagaagt      180
gtatgctaca agggatgtag gacttgagag tcaaggccta tggctctgtc ctggctctac      240
cagtaagtgt gaccttcgat gtttttttct caagtaaggc tggtaataat taccacagtt      300
gtgagaattg agaatttggg aatgcagtga aagagactat actcaagtct tgttctggac      360
taacagtgat cttaaaaatc ctcatttcaa agaaataaag tattttgatg atctcttgca      420
tggngtatt aataaacctt ggnataatgg cagaaactgt acctacaaca gggttaccgt      480
taactctttt tgggaagggtg tttggaaaaa naaggaatgg accttgaat cttggaagaa      540
cgttcaance tcatgacnta aggaaaaant tggaaaaggg ccattggnga ncccaaggac      600
ccaatgcccn tgctcttnaa aagggaaggg ggggaccang ggntcaaaat tggaaaaacc      660
gtttttccng gaaatccttt gggcccntt nnaaagggtcc ccaccttngg ggaattttga      720
aaaaaaaaa      728

```

```

<210> 60
<211> 581
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

```

```

<400> 60
ggtactggcc caaggcaaaag atggagaata tgaagagctg ctcaattcca gttccatctc      60
ctctttgctg gatgcacagg gtttcagtga tctggagaaa agtccatcac ccactccagt      120
aatgggatct cccagtgtg acccatttaa cacaagtgtt cccgaagagt tccatactac      180

```

catcttgcaa	gtttccatcc	cttcattatt	gccagcaact	gtaaacaatgg	aaactttctga	240
aaaatcaaag	ttgactccta	agccagagac	ttcattttgaa	gaaaatgatg	gaaacataat	300
ccttggtgcc	actgttgata	cccaactgtg	tgataaaactt	ttaacttcaa	gtctgcagaa	360
gtccagcagc	ctgggcaatc	tgaagaaaga	gacgtctgat	ggggaaaagg	aaactattca	420
gaagacttca	gaggacagag	ctccggcaga	aagcaggcca	tttggggacc	cttccttcca	480
ggcccccaag	gcaggacacc	tcatggatga	caacccttc	gnactcgaaa	agtcagactt	540
tcttttgccc	cgggcttttt	taaaatccaa	agttacnaga	g		581

<210> 61  
 <211> 681  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(681)  
 <223> n = A,T,C or G

acgagcccaa	gccctgttcc	atcagccaat	tgcaaacctg	ctccttggtc	cacttggcaa	60
atggcatatc	caagtcaactg	ttagactgtc	ccaagtctcg	agaccaacct	aatcggggcc	120
ccgcggttgc	ccttgteccct	cctcttttga	attcaggctc	agacatgtca	tctgggttga	180
atgtagttga	ttgactttctc	ctaagttttc	caaagagttt	catgatacct	ctggatttct	240
ttttggaatc	tggagatgga	ggcggtatct	ggaagggaact	gttcctctgt	gaatcttttg	300
gccgagaaag	aagcaccagc	cagatctagg	tgctctgctg	netctttttc	tgnttcaact	360
aaatttggtg	cacttgctgg	tctcttggtg	cttttgattt	taaaaaagcc	ccngccaaag	420
ggaanactga	cttttcgagt	gccnaaagg	ttgcatccat	ngangtgtcc	tgcccttggg	480
gcctgggaag	naaggctcaa	atgggctggt	ttctggccga	ncttttggcc	tttgganncc	540
ttctggaaaa	gtnccnttt	tccatttaaa	cgntntttct	tnaaaatggc	ccagctgggt	600
ggacnttttg	naacttgaag	tnaaagntt	ttcccccant	tggnnttaa	cagggggncc	660
cagggatatt	ttnccttant	t				681

<210> 62  
 <211> 569  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(569)  
 <223> n = A,T,C or G

actgggatta	caggcgtgac	ccaccacacc	cgccccctaa	ccactcttga	aagtccttc	60
acatctgtta	gttctttaag	gatgaaggct	gagaattaac	cttgttccct	attccccgaa	120
gtgtctgacc	cagtgtgaa	tgtgtggctg	gagcttggtg	aattctttcc	aaataaagga	180
attcccacaa	cagccccacg	aaggacttga	ggcaaggatt	aggatcccc	cttacagaag	240
aggaggacaa	ggcccagaga	agatccccca	gactcagcca	gggcacgagg	ggtcgggtga	300
gttttgagat	cgatagagcc	ttcttttact	ctcctgtgac	gacatgacag	tagataaaaa	360
gcataatcct	tcatgactc	tcatgggctc	tgccaccatg	tttagagtcg	ggctaggggt	420
cttttgcaatc	tggtaaccta	tggcttaaac	ttatacccaa	acctctcttc	ctgcttcttg	480
netgtgcaca	tctctttcca	tcagaccatc	catagctcaa	gctcaacagc	tttncagct	540
agtnttccn	ctccttttnc	atggagtgc				569



<210> 63  
 <211> 650  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(650)  
 <223> n = A,T,C or G

<400> 63  
 gaggtacaat ggaggtatct gtgggaagga aaatgcaggt aaagatgaag aggaaaatct 60  
 gccttggttaa agcccagctc cccaaagtat tagacacatg aatttgcttc tgtgctgagg 120  
 ccatctgtgg ccgtcaggct agctgttttc tggctgatac tttttgggaa tgttattggt 180  
 gctgagaaaag atagttccat gtcagagcta tcaacagaat gtggccatct ggacaacccat 240  
 gtataaaacca acttattgct tcttgaatgc cacctacaaa catgactacc tgtcctttct 300  
 tgtttgaagg ggcactaaca atacttggga agatggaaaag tgaactggac attaaggcag 360  
 agatgaagaa ttctgccttg ctctctgcac tccatggaaa aaggaggagg acactantct 420  
 ggaaaagctg ttgaaccttg aactatggat ggncctgatgg aaaaaggatg tcncngacca 480  
 naacnngaaa aaaagggtttg gtttaagtta ancctnagggt acccgaatgc aagaacctac 540  
 cccactttaa catgggcccc anccttaaaa gcctnaagnt atgnctttat tcnggattnt 600  
 ncccgaang naaaagnntt ttgantnaaa attncccncc ccnggcggg 650

<210> 64  
 <211> 676  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 64  
 cgaggtgccaa attgggagga accttctttg gatgagggtg ctgggtttag caatatcaag 60  
 gtgtggctcc agataattca atcatctaata taagattcca gttatgctaa tctgttttaa 120  
 aattccgttt gtgtaaaattc ttttacaagg cctcaacccc aatttcaggagg gagggttcag 180  
 agcctcagggt tgagttgatg accaacagcc tatagtttta cccatcatgc ctctagagt 240  
 aggtctccaa aaaaatccaa aaggaatagc tgtagagagc ttctggataa cactaactgg 300  
 aaggtagagc gccactccaa acaagacggg accaaaaatt tttctgaatt tttcgcaata 360  
 tctgcaacaa taaaatggga aatgtaatgg cctctctacg tgttgggagc tctttcagcc 420  
 aatggatgcn actattacna ggantggagg aaacctggat tataaccagc tgctgaaaaa 480  
 gccagtaaac aacgtaaggc ttctattggt aatantattg gaaggacagt cntgtgggac 540  
 ttctggccctt tgnaactaat ggtatgcccc gnanataacc gtnccttgg atttcaagac 600  
 cccctttggt tgggnanaatt tttgggcatt tgcttgctgg cttaattacc attggaatca 660  
 aatcttttcc ggcenn 676

<210> 65  
 <211> 660  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(660)  
 <223> n = A,T,C or G

<400> 65  
 acgtggcctg aagagatgtt attcttttaa atggctctcg ctgtgggcca ggtgccccca 60  
 tacaacaact ctccgggctat catggcagtt accgtggcct tggcaggatt cggagctgcc 120  
 ctggtaaaat ctttgggtgtg atgtccttga ctaactccta cagcctgggc gacctcgggc 180  
 accatgggaa gaattccagc aggcagctgc tgatgactta gataaggcat cctgaactca 240  
 tectctttat tactagtccc attttcatcc ccagagccag gttcaaaaaa gggttactttt 300  
 cttccatccc ctggtttctt tatgggtgtc ttctcctctg acttgagtgc cggtttggtg 360  
 gctgcgcctg cgggactttg aaaccagga tcttcaacat gntctcgctg cattgccttg 420  
 gccaccttct tgtgggtgcc gtccttntgc aatgggggtt ctaaccttna cctgnatnac 480  
 aaacttcctt ncgcncggga aggtctngct cntgaagaac gtgtaccttg ggcgngaaca 540  
 cgcttanggc gaantccacn cactggnggg ccgtactann ggaatccaac ttcggacca 600  
 cntggggnaa catggcaaac tggttcctng ggnaaatgta tccgttaca tcccnkana 660

<210> 66  
 <211> 678  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(678)  
 <223> n = A,T,C or G

<400> 66  
 actcaaatct catcagcagc gtctacatcg taaaaaaca ttagagaatg aaatgatgcg 60  
 ggttgagatta tctcaagatg cccaggatca aatgagaaag atgctttgcc aaaaagaatc 120  
 taattacatc cgtcttaaaa gggctaaaaat ggacaagtct atgtttgtga agataaagac 180  
 actaggaata ggagcatttg gtgaagtctg tctagcaaga aaagtagata ctaaggcttt 240  
 gtatgcaaca aaaactcttc gaaagaaaga tgttcttctt cgaaatcaag tcgctcatgt 300  
 taaggctgag agagatatcc tggctgaagc tgacaatgaa tgggtagtcc gtctatatta 360  
 ttcattccaa gataagggcc atttatcctt gtaatggcta cattcctngg ggtgatatga 420  
 agagcccat aattanaatg ggcattcttt ccagaaaggc tngcaccaat ctaccttagc 480  
 cagaacttac ctgngccngt tgaaagtggc ccttaaaatg gggtttaatt cttagagatt 540  
 tttaacctgg ataataattg antggaccgn gaagggcctt attaaaatgg cttgctttgg 600  
 ccttngactg cttnanatgg ccccccaatc taagtnctg ggccggaacc ccttangggc 660  
 naattcagcn cactgggg 678

<210> 67  
 <211> 695  
 <212> DNA  
 <213> Homo sapiens

<400> 67  
 ggtactatgt gtgaagaaat ggagaaaagg aaaaatcagt gtagaaaaat aaaaaagca 60  
 agagtgaagt tgggtgcctac agttcacagc atgtgataag gactgagcat ttattctatt 120  
 atttggcat aaaaatgcag gctgtaagg cctacacaca ccagcttatc gcagacttg 180  
 ctctgagctt tctgcagcc aatacaaca gggagacaca acagagaatt gccaatgctg 240  
 gaagctagat gtctaagtct gatcctgctt gtgactaaag tctgaatctg ggctaagtca 300

cacatgtcct	gacactctgg	aagctctgtc	tgggtgggtct	gggaacgggg	gagaagtgaa	360
agaggaagta	gcaaggaaaag	atgcagaggc	ggagcctggg	agctagggca	gtgccagggtg	420
ggactgacat	ggcaccagga	gtccctcctg	cagggatctg	tcctgattca	ggtcagctgc	480
atcctgcac	tctaggggaat	gagaccacat	ctgcaactca	ccaggactgt	tcactgtttt	540
ttccaccccc	caatctcact	cccactcaat	cccttggatg	tgggaaggag	aaatacttaa	600
gctgaatggt	gctgtggccc	atctgatgac	aggttaccag	tgtgggggat	gacccccaat	660
gactgcaaga	agtgggtccag	atgtcagaag	tgggt			695

<210> 68  
 <211> 579  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(579)  
 <223> n = A,T,C or G

<400> 68						
ggtaccaagg	aagacattca	gagtgtgatg	actgagatcc	gcagggtccct	tggagaggta	60
tgttttactt	tagtaaatgt	tagtttatat	ggtaattttt	cctttaggaa	aatctgactt	120
tttatagtga	tttgcttaca	ttatttacac	ttctgagtta	gattttgttt	gaacaaaatg	180
ttctgtgttt	attaaaaaaa	aaaaaaaaaa	aagaagcagt	agcttgtaaa	attctgcttt	240
agcctgtatt	ctgaagggaag	aatgccttag	agtaagtctg	acttcagaat	atctatgcag	300
taaaactgac	agtattcttc	atcctaacaa	ccttatggta	gaatagaaaag	aacagtggac	360
taattatcag	gagacctgac	aattagttct	agtcattggt	gtgtcgacag	ttagctggag	420
gaccttgaat	ataagttcct	caacctaaact	tgacatcagt	gnttttcacc	tataaaaataa	480
attaaaaatag	gtaatgatta	aatactctta	aggctcttat	attangnaat	ggactgggat	540
tgagtaataa	atacctaata	gcccttcagt	taattnaaa			579

<210> 69  
 <211> 661  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 69						
cgaggtagaa	gctttttttt	tttttttttt	tttttttcag	aatgctaaat	tctattttttg	60
tagagcagag	actccattaa	aaactcccaa	atgacaaaact	agaaaaaaaa	tttacaacac	120
tgtgtgaaaa	tcanagtgtg	atcttcctta	atatacaaaag	agctcttgca	aaccaacaag	180
aaaaacacaa	ataccctaat	ggaaaaaatca	acaaaggaca	ggaatagtta	gttttcagaa	240
aaagaaatat	gaattaccaa	taagtgtgaa	aatgggtgctc	aatgccatca	tgattaaaga	300
aatgtaacca	aaacagtggg	gagcccatth	ttcatgtggc	agattactca	atcttagtaa	360
tttattctga	aaacaatctc	ccacaagtgt	atacttccac	ttgnatgcnc	aaggaagtac	420
aagctttttt	ttttttttnt	tttttttttt	ccttggtctgn	agtcatgagc	cttttgaaaa	480
aggcctccaa	agtaaatntt	tcaggggggaa	taggggaaagt	ntttttttta	anaaggcngt	540
gattntaant	tccccgggac	tatgggtgaaa	tactntggaa	aaattnaant	ggcccatggg	600
ggccnaaatg	gngctnttta	aaanggnngg	gaaaaaantt	tttgngggaa	aatncccaag	660
						661

<210> 70  
 <211> 697  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(697)  
 <223> n = A,T,C or G

```

<400> 70
actgagtttc cagaaagcgc agtgcacttt tagtgcgcca aactggtaat ttgccattta      60
gagaattcctt cctaaagtag attatttctg tttaaagcaaa tcactattcc taactgattt      120
ataatttttgg taaatctaaa ttttcatgaa ataggcttat aaagcgtgcc acatttctgt      180
tttctcctat ggacaggaag aaaaagtgg atggggacag aaggacagaa caggggtgcgg      240
aaaccatagg ataaaagctg tgggttttcc cccaaaagtt gctcaaaaga ataatatgac      300
ttctgctttt cttctcctct ggggtggcaat tggggaatcc agcagcctgt tgagaggaca      360
gaattggtta agttgtggag aggtgcagtc taattggtaa atctttaaaa gtcttggttg      420
tctaacctgc tggtttttctt gctcacagcc cctgcagata tcttctcacc taccttaacg      480
ctggcatgca aggnnttttct ctttgcctgag tggcatttng gtttaatttcc atgttnaatt      540
ctaacccttg ccattgattac naagccctta ctatgggctt gctttgagtt angecctggg      600
gctttaagna atncctanaa ttncctntt ctttattctt aagggttgg anatnccaaa      660
atgatnganc ttgacnttgg tttgggaggg naactna                                697

```

<210> 71  
 <211> 705  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

```

<400> 71
accacacagt caatgatgtc agccactccg agcttttaggg tcctgggagt ggcagtaggt      60
gatagctctg tctctccaaa aagcaaaagg atcctgcttg gggacacccc aagggtgggtg      120
gccatgtggt ccaccacact ctgcaggggc tccgacatcc tgaggggcaa tctgaccagg      180
tcagcccggc aacggatttt gagtggggaag aggccttccta gatgacgggt gatgaagccc      240
aatcttccag gtggagagga cagcatgacc aaaggaagga cgtggaggtg acatggcatg      300
tgcagggaaac tacactgaac actgcagaga gccactggca ggaccaggc cagggagcac      360
ctacttggtc atactgggga gcttggcctt tctcttggtg gtctggagat cccaaaagaa      420
tttatgccaa aaagttagag gtggatagat tttaaatact ggggttttta aataccgan      480
ggattttaaa tactcttgat ggggttaatct aaatttangg ggaacccaaa ctggaggcnn      540
ntnaaaaggn cccttataag tggaaaaant gaaaagagnt tgnattangg cnnncnaaat      600
ctntgggtgc nttttaagtn ccnttngatt tccannaaa attnaatcng ggggatttta      660
atcccggaaat tgggggaana aannnnggaa ggggttnccaa ttttg                                705

```

<210> 72  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 72  
 actgaatgaa gtaaccgaag acaacttaat agacctgggg ccaggggtctc cagcccgtgg 60  
 tgagcccaat ggtggggaac acagcgcccc catcttcctt ctctcccag cttgcaggct 120  
 tagacttggg gacagagagc gtcagtggca ccctcagttc actccagcaa tgtaatcccc 180  
 gtgacggctt tgacatgttt gcccagacga gaggaaactc cttggctgag cagcgcaaga 240  
 cggtaaccta tgaggatcct caggctgtcg gaggacttgc ttctgcacta gacaatcgaa 300  
 aacagagttc agaaggggta ggtctttaac cctgtttttc tgcttgaggt cttctggagg 360  
 gaaagtcagg tggtttggca aaactggctg ggtaattcag cagaaactgg cttgcacagg 420  
 gggcanggac accctggggg gaaaaaccna cgggggacac cccgtggaac ccaagtantg 480  
 ccttatttga gtcttnacct naccctgtga gataaggccc ccatgagctt tccaatccac 540  
 ccaagagaaa cnagtncagc nggtgggana cagcttgnac nccanaagc nnacngaagc 600  
 cgggttccaa tctnggataa gggcntttcc aaancctggt ggtcttacca aaggggccaa 660  
 ttttcaggcc aanttttntg gnn 683

<210> 73  
 <211> 566  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(566)  
 <223> n = A,T,C or G

<400> 73  
 acagtgtgga aatttcaaca tgtatataca tccgtgaaac cattatccca atcaacatca 60  
 tgaattttaac catcacccca aaaagtcttc tcatgatctt ttgtaatacc ttctcttttc 120  
 ctgtcccgtc cccacacaac gtctgttttt tgttctatta gtttgcatth tctagagttt 180  
 tatataaatg aaatcaatac attatacctt ttttgtctag cttctttcac tcagcataat 240  
 taatgtgaga gctgtccatg ttgtctaatag tattagtagt ccattttctat ttttgtgggg 300  
 ttgggcaggg gctgggtagt attccattaa gaggatacac tacagtttgt ttattcattt 360  
 tctattcat ggatgttttg gttgtttctg gtttgaggcc tataatgtca cttgaagata 420  
 gattgtgatg ttaaaggtgc atactgtaaa ccctaaaata gtcactaaaa taacnaaaac 480  
 gaaaaggtat tggtataaag ccaacaaagg aaataaatca aatcataaaa tacnaaagaa 540  
 agcngaaaaa gaccaagggc acctgg 566

<210> 74  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

<400> 74

```

cgagggtgtac aagctttttt tttttttttt tttttttttt ggctccctgt agcctcgact      60
tcccagcaat cctcctgctt cgcctcacag caggcacacg ccaccatgcc cagctaattt      120
ttgtattttt tgtagagaca gggttttgcc atgttgctta ggctgggtct aaactcctgg      180
gctcaagcaa cccatctgcc ttggccaacc aaagtgtctg gattctaggt gtgaaccact      240
gtgcccagcc aatctctgtc ttttaaatga ggggtgtctg atcgtttgtt tcacatggnt      300
atttaggact aactctatca ttctgtctgt cagtaatttt gtttgccagg ctgcctttgg      360
tctttttctg ctttcttttg nattttatga tttgatttta ttccctttgn tggcttatta      420
acaataactt ttcgttttgg taatttaagn gactatttta ggggttacag tatgcaccnt      480
taacatcaca atctatcttc aagtgcatt atangnctna aaccngaaac caccacaaaca      540
tentgaatng gaaaatgaat aaccaactnn annngaanen cttaaaggaa actaccaacc      600
ctggccaanc cccaaaatng aaaggcctct aatccnttna cacntggggc ggtttncata      660
atntctnggn gaaaaacttt cccaaaagggn                                     690

```

&lt;210&gt; 75

&lt;211&gt; 447

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 75

```

ggtacaaact gtgttattca catctggccc ccaaggtatg taagggaataa ctttaaataa      60
atctttaagc tcatcagggtg acaaagcaca gtctctatcc aaatcatgct tgtcaaagggt      120
gctttggaga aataaatatg catgatgatt taattcagta gtgcaatcag gaggtatttt      180
cagcaggggg aacaaatatt caggtgtcaa atccaggta tcatcataac caaatcgctg      240
aagcacagtc caagtagttt cgtgtctccc tctctggata aaaagtgtgt gtaaaaagag      300
aaaacctttc aggggtcaacc cactgtcagc cacaccatca cttatatgtt ttctgactac      360
attcttgaca tctccagag cttgaggagc taatggagtg ttgaaacaaa tctctgaaa      420
gaagttgagt tcagcatcat tgagagt                                     447

```

&lt;210&gt; 76

&lt;211&gt; 674

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(674)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 76

```

actgttaggt aattttgata ttttacttag ttggtttctt ttgtttttgg agacagggtc      60
ttgctctgta gcccaggctg gactgcactg gaactcctgg gctcaagcaa tcctcctgcc      120
tcggcctcca agtagctggg actactacag gcactcacca ccattcctgg ctaattttta      180
gttttagttt gttagaaagta agactaaata cactggatca ttcagaatgt cagaaaagtaa      240
tgttttcttc agttttattt ttcttaatag cacacaccat gttattgggt tgtgttttgt      300
tagtgcttgt aactagagtg caacttaatt aacaatttgc tcctcctcat gaggttcagt      360
gcagtataga cttaaattct agtcccatgt ttgncattta ttagctgtgt gctaagactt      420
ggttttccta tcagcagaat tgctatgtat atctaagggt atgttaagggt ttcaaaccag      480
gaacctctct tgtaagtgaag aggtgggggg gagctattgg taaatttttt ggtcagaaat      540
tggcatacct aattttaatta ctaccttact aaangnatca attacctca tctatttcan      600
nggtttaatg ggnccaagtg gaatattcct ttacttaaaa gccagtttta ctgggaaatc      660
ncttancaag gntt                                     674

```

&lt;210&gt; 77

<211> 441  
 <212> DNA  
 <213> Homo sapiens

<400> 77  
 acatgggtctt ttgttcccta aaagactgca tcacacctct gattggggagg ccaactgtca 60  
 ttttaactgag tggttgagtg tctaaaacca agttcagcat ttgtctatct agcaagcttc 120  
 cctttccaac ttgcttactc ctctcaattt catctgcaga tctcctggtt caataaggct 180  
 caaaaactgg ctgttccett gcattcctct ctcttctccc aggcactctt catccttttt 240  
 tctctcaggc tcacccttac aatccaacac cttccaatgg cctctcctag tccagtcctat 300  
 cctgacacca agtaactggc ccgctttgga agtcctgaca ctttcagttc ctctttcctg 360  
 ttctttccac ttctctcggc cccaggagg atcctggatg gtcgtcacag ctgacaaatg 420  
 atgagcagaa tgcctgtac c 441

<210> 78  
 <211> 623  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (623)  
 <223> n = A,T,C or G

<400> 78  
 ggtacacgat taacttaaca caaaaacccg aacttcaaaa tgaagggtgtg tggaggaaag 60  
 gtgctgctgg gtctccctac aactgttcat ttctttgtgg ggcaggggggt agttcctgaa 120  
 tggtgtgggt ccaatgacta atgtaaaaca aaaacagaaa caaaaaaac aaggaaactgt 180  
 catttccacg aaagcacagc ggcagtgtt ctagcaggcc tcagggccct gggcctggag 240  
 aggctacatg agggggagcc tcagtcacag gatcaacctg gggcccgaag gagcaggggt 300  
 ccctgcctct ccctctgcaa cagatcatcc catccaacac aacccccaaa atgttgatga 360  
 tgacgcacat ggtcaaccct caagaccttt aagacaaaac agagcacata ggaaaaaaa 420  
 aacnaaacgc ccaatttctg ctgtgtcaat ggtagggcac cattttaaaa agtctgctaa 480  
 acagtctgct ttacttggan ggacgtatgc aaacataatn cttgttagtg aagaaccatg 540  
 acgcctctac ttactctaag ttagtngaca ntaaaacttct gctcccttca agttaaagnc 600  
 nttcnaactg ggtggggaat act 623

<210> 79  
 <211> 462  
 <212> DNA  
 <213> Homo sapiens

<400> 79  
 accagttaaa aatgtatttta ccaataagtg ataacagcaa caatagctaa ctgacaattg 60  
 attaaagaca gtatacaggg atccttttgt ggttcataag catgatgatt agattttcat 120  
 gctattgggt gagatatgcc ttctcagac ttgtttacag cataggcaca ttacaacctg 180  
 tctgatagga gaaagaaagt aaagatggta tacaggccag gtgcggtggc tcacgcctgt 240  
 aatcccagca ctgtgggagg ctgaggtggg tggattgctt taggcctgga gttcaagacc 300  
 agcctggccc acatggcaaa accccatctc tactaaaata caaaaaaatg gttgtgggtg 360  
 cacacacctg tatttccgt tgcttgggag gctaaggcac aagaatctct tgaaccagga 420  
 ggtggagggt gcagtggagg aatatcgac cactgtacct cg 462

<210> 80

<211> 640  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(640)  
 <223> n = A,T,C or G

<400> 80  
 acccggttgct gctgccatgt gtgtgcttaa aacaggggttc cttttttagtag catcagaatt 60  
 tggaaaccat tacttatatc aaattgcaca tcttgaggat gatgatgaag aacctgagtt 120  
 ttcacagacc atgcctctgg aagaaggaga cacattcttt tttcagccaa gaccacttaa 180  
 aaaccttggtg ctgggtgatg agttggacag cctctctccc attctgtttt gccagatagc 240  
 tgatctggcc aatgaagata ctccacagtt gtatgtggcc tgtggtaggg gaccccgatc 300  
 atctctgaga gtcctaagac atggacttga ggtgtcagaa aatggctggg tctgagctac 360  
 ctggtaaccc caacgctgtc tggacagtgc gtnacacatt gaaaaatgaa tttgatgcct 420  
 acatcattgn gtctttcgtg aatgccacct aatgggtggnc cattggagaa actgtnaaaa 480  
 aagtgactga ctctggggtg ctngggancca cccngaactt ngcctgntnc ttattaggag 540  
 atgatnctg gngcaaggct ttccaanngn attnggacaa tccaacctac caganaagtc 600  
 atgngtgtaa naaccttggg aagaaacaat ggtgaagggg 640

<210> 81  
 <211> 643  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

<400> 81  
 actgccattc cttaaattca tttagattac agtgtgtaat cataactttt gatccatcag 60  
 ctccctttgt caaacactgg tcatactgca tgagttgatt tgcttcattg attctgaaaa 120  
 gctgattccc tcccatcctg tggcaggggtc ctgattcaac aaagcctcca tttgtttttc 180  
 ccatgctatc aatgcagtaa gcagtttcga agcctctgat ttctccccag tcaacatttt 240  
 tgggtggcaa agggtagtgt gaggtgatat cataagctat ttcttccatg aaccacttaa 300  
 aacttttgca gttgtgatct tctcgaaatt ttttcaagct ccgatatac cccatattgg 360  
 aatgcctgag attcaggacg actagcatag aagtagtctt tatattcatc caccaaacct 420  
 tcacaactct aacataattc ttcagagttg gagaagaccc aacataaatg ggcngaggat 480  
 tncctggcag ccctcaagac ggtagatatg tccacacgag aaccanggac caaataataa 540  
 tttgncacca cacttggcat atcttggatg agatctcaaa gtttcaccac cccaaatttg 600  
 gaaacctgga tcttgagacc caattcaaag aaaacttttg ttn 643

<210> 82  
 <211> 642  
 <212> DNA  
 <213> Homo sapiens

<400> 82  
 accaagtcac tattttctgac agcatttgtt attagaagga acactggatt tagtcaaaaag 60  
 ataggagttt gaatcccgat gccacctctt accaactggg taaccttggg taggaattgc 120



ataa	cttctc	tgag	cctggt	ctcaa	attgc	ctac	ctcata	aggt	tgtgt	gaaga	ataaaa	180
tgc	atgat	gtt	ctga	agc	acttat	cccc	tgcc	gttaga	tctc	ctgagc	tgcatt	240
ttta	acac	gg	gcccc	caggt	tg	tcag	ccaa	gcag	ctcaaa	tatat	gaagt	300
ag	aatg	acc	ctttat	gatc	tcttt	ctatt	gttct	caatc	agtt	cctttt	tttttag	360
ccta	attctg	ctc	acggt	gt	tcct	gttg	ttcag	attcc	agat	gtcag	gattgt	420
tctc	cctttt	tct	taac	aga	ttac	ataata	cctg	cagctg	cca	agtcttt	gtctgt	480
tcatt	atttc	atc	atttaca	tcag	atcttt	ctttt	ctctt	ccc	gttgaca	cacc	ctagtt	540
cagg	cctcat	tca	agtcata	ccc	agag	tat	tgtat	cagcc	tcta	attga	tctttact	600
ttc	actttgc	aac	ctattct	gtat	gcctg	tga	agtac	ct	cg			642

<210> 83  
 <211> 584  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (584)  
 <223> n = A,T,C or G

<400> 83																	
ggt	acag	tag	agt	ctg	agaa	ctgg	gtcaac	act	gaag	cat	tcac	accttc	agg	atat	gaa	60	
gc	ag	cttc	ctgt	cac	atc	tgc	agat	gtt	gtg	ctgt	tgg	tca	agag	cca	gtg	tcag	120
at	ct	ctcc	ac	ctct	cat	ggg	tcg	act	gac	ctag	acac	ag	tct	cag	ctg	agac	180
ct	cc	atttt	gc	ac	ctc	aga	gct	gt	ggca	ag	ctgat	gtt	ctc	caa	agg	tggg	240
tttt	gcc	aac	gca	aa	gac	gt	aag	tcc	aaat	tca	tttt	ctg	tgg	at	ggtt	aat	300
tca	tcc	ctg	gatt	ccc	cag	tact	ctact	gt	ntt	ctt	ctg	att	cc	actgc	agag	gggt	360
aga	agg	actg	agg	at	gaag	ccg	tag	caat	tct	ggag	tcc	ttg	ggg	aagc	ctt	ctgt	420
gct	ca	aggt	tcc	ag	actga	ccc	gtc	aaag	atc	cg	cag	cgt	ttc	tcg	ggc	ac	480
aac	ac	ggggg	caac	at	gcat	tgg	cttt	gtt	gact	gact	na	ggag	cttt	gg	agg	ccc	540
gg	ant	gtta	ag	ctt	ctctg	nac	ctg	cccc	ggg	cg	gcnc	cgg					584

<210> 84  
 <211> 558  
 <212> DNA  
 <213> Homo sapiens

<400> 84																		
gg	taa	agaaa	gaaaa	aaaaaaa	aa	agg	cctgg	at	act	gcttt	tg	ctgt	ctct	gt	tat	gagat	60	
gga	ag	actta	cat	ggt	ttgt	gata	aaa	agg	gac	cat	gaga	at	ga	att	ggc	ttg	gcttact	120
tt	cccc	ctga	aat	cct	ctct	cct	gcag	act	gt	ctt	ga	aga	cct	ggt	gact	gg	taaataaaa	180
gc	cct	gcag	gag	gct	gcac	ag	cag	ggg	gca	ag	agg	cccat	cccc	cag	cat	ctc	actgagg	240
ac	ag	cttcag	gct	gc	cttcc	tct	ga	acgtg	gt	ccac	acct	tct	ct	cctc	cac	agagagg	300	
gt	g	ccg	ccag	aat	cccc	ctgt	cg	cttt	ctgt	gt	ctg	caatg	ggg	ggc	agca	cagg	gatcaa	360
ag	ccat	ctaa	ag	ag	tttcca	gag	aa	agtat	ta	att	cagaa	ca	ag	ccaa	ag	acc	ctgagcc	420
tc	acc	acaaa	cagg	c	ctttt	gg	agt	gtgaa	tt	gag	ttga	ag	ata	ca	aga	tcg	gagaatg	480
at	ttt	ctggt	ct	ta	actaat	cct	ct	ctctc	at	gt	ttgatc	tt	ta	aga	agt	cat	cacctat	540
cg	att	tcagt	ttt	g	ctgt													558

<210> 85  
 <211> 499  
 <212> DNA  
 <213> Homo sapiens

<400> 85  
 acaaaacat cgccatcaaa aaaacgctgt tctgacaaca ctgaagtaga agtttctaac 60  
 ttggaaaata aacaaccagt tgagtcgaca tctgcaaaat cttgttctcc aagtcctgtg 120  
 tctcctcagg tgcagccaca agcagcagat accaccagtg attctgttgc tgtcccggca 180  
 tcaactgctgg gcatgaggag agggctgaac tcaagattgg aagcaactgc agcctcctca 240  
 gttaaaaacac gtatgcaaaa acttgcagag caacggcgcc gttgggataa tgatgatatg 300  
 acagatgaca ttcctgaaag ctcaactctt tcaccaatgc catcagagga aaaggctgct 360  
 tccccctcca aacctctgct ttcaaatgcc ttggcaactt cagttggcag aagggggcgt 420  
 ctggcccaat cttggctgca actatcttgc cctgggaaaa tgatgtaaat cactcatttg 480  
 caaaacaaaa cagtgtacc 499

<210> 86  
 <211> 146  
 <212> DNA  
 <213> Homo sapiens

<400> 86  
 acaggatact taaaatggaa taactttttg gttgcaaaac agagacatgg ttctataatg 60  
 cttcatgtcc ctccaagatt tgagatcaat ttagggattg tgaaattttt tttttcaaat 120  
 ttcatacaat catatttccc agtacc 146

<210> 87  
 <211> 572  
 <212> DNA  
 <213> Homo sapiens

<400> 87  
 atccctagca ttttaaaatt cagttgttac agggatccca cataatattt tgtcatttat 60  
 atgagggtgg atgagggtctg aaatttcctc ttgggtcttg gaacagattc atgggcacac 120  
 attttaaaagc tatttggctct cagttctgca gattaagaaa ctccaattta ttgattcccc 180  
 agggtaatga gaaaatgcat tgagtgatat ataacatcca ctacattcac aggaaatgct 240  
 gtcctggatc aaaaactgac ctggtcattg aattatgttg gagaactcat aaaaattcca 300  
 tggagaaaag gatattcaag ttggctcatg aattctgagt aaaagttaa aagcaaagga 360  
 gaggatagcc ttacagagat aacaatagga acaaagtcac agacttgttg aaatggaaga 420  
 ccgggctaga aattaggaca gttcatattc aagcaagcag ggttgggttt gtgaacaaat 480  
 accttgaagc tttggatgcc ttggagccct tgacagtttt tgagaatgta tcaaaacaat 540  
 taaatagtct atttgggaagt gagagccctg gt 572

<210> 88  
 <211> 512  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(512)  
 <223> n = A,T,C or G

<400> 88  
 ggtaccttat ctccagaagc agactgtttg gggacaggcg cagtgcctgt ggagcggcac 60  
 ttgacatcag cgtctcttcc cacatggagt gaggagcctg gccttgacaa ccctgccttt 120  
 gagggagagcg ctggagctga caccacacaa cagccactta gtttaccaga aggagaaatc 180

accacgattg	aaattcatcg	gtccaatcct	tacattcagt	taggaatcag	cattgtgggt	240
ggcaacgaaa	cacctttgat	taacattgtc	atccaggagg	tctatcggga	tggggtcatt	300
gccagagacg	ggagacttct	tgctggagac	cagattcttc	aggccaacaa	ctacaatatc	360
agcaatgtgt	cccataacta	tgcccgagct	gncctttccc	agccctgcaa	cacactgnat	420
cttactgggc	tttcgagaga	agcgctttt	ggcaaccgga	ngcacacaan	cattctgaaa	480
ggnaactctc	cccnagaaaa	aaattttncn	ng			512

<210> 89  
 <211> 573  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (573)  
 <223> n = A,T,C or G

<400> 89	
actcggctgc	tctcgcgct
aagggcaaca	gcaggggacg
taaattgggc	aaatcaatgc
atctcgtgca	aggcagccat
cttacttccc	ctgccccccag
agtaatgtgt	ttttcttggc
gctataatac	gggtggtggtg
aatggtgtta	ccaggctggg
actggcctga	ataatctggg
tgatggccac	actcggcatt
tctgagtcgc	ctcctcaaca
tttcagcatt	gcaactgcct
tagcaacaca	tcacctctct
actggtcaca	aagatgggca
gccaaaggat	tcattgtggt
ctgagtaaga	tccttatgtg
gctgctgctg	ctatgatttc
tctagcaatt	ggtaaattca
cggaaagtcc	atacttcagg
gctgcttanc	ctg
	caagtgcctt
	cactgtgact
	ttattctgcc
	gctcaccact
	ccttctttac
	agcttgggtct
	ctgcttctct
	ctctntctcc
	tcgtgccccat
	ctg

<210> 90  
 <211> 658  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (658)  
 <223> n = A,T,C or G

<400> 90	
ggtacctttt	aaccccacct
ctgaagagga	ccagatgatg
atcaaagggc	agagtccact
ctcgggaaaa	gcaggaggag
cgttggaaac	agatgagctc
ttcttgatga	gctgccagac
aaacgtaatg	gagcagatta
gaagcttgct	tgatgtattg
caaaaaaccg	tgggtcanaaa
ttccaatttn	ggctanctta
ttgaagctta	cctttggggc
tgggaggagt	tggtcgggat
ctatgtctct	gggacaggat
cttgccggaa	ggaggaagag
aatgtctaga	gaagttccag
cagatactat	gttgccaggc
cgtgtgtgtg	acctgatcat
attctgaagc	cagtagtcaa
ttnttctttc	cctggacaac
tcanatnggg	ccccacttgg
gcttttaacc	nctacttttt
ttgnaatcna	agngggattc
	ctttnngg
	attccaatgg
	gaacggaaaag
	gatgctgacc
	tgcttccacc
	gacagcaatc
	tcagggtgtg
	cangtggaca
	ccccaggcc
	tgnaggggaat
	ctttnngg

<210> 91

<211> 570  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(570)  
 <223> n = A,T,C or G

<400> 91  
 acctctgact acaccttcat gttgggcccct gaccaacaga ccctcagggt gtgagttttg 60  
 gcttcgggga gaaaattctt cctgcttgat gtaggggcaa gtagctgatt tggcagattc 120  
 ctggtgccgt ggcagtgcaa gagagataga tcccactgac ggcttggtg tttcttgagt 180  
 gtaggaagcc tgattatgag aagtcaaata agtgcctggt gttccctgtg agatggagcc 240  
 tcccattata aaagatgggt tttctgaagc cactgtgggt ttggatgacg ggatgagagg 300  
 gggccgggtg cctggttggt cgagttgtcg gaagcccga cgccttcagg gagattagtt 360  
 atcacttgat gtggagcagg ctgaaggact tcccactctc tgtttgact cttggatgtg 420  
 ccacatggac ttgtagaact tctacattcc aaatctatct ggncttggt ctggccnttg 480  
 ttctcncagg agtgctgact catgcnttgn tttaatgngt cgctggtaga naacatancc 540  
 gttactg999 tccaatggga tgtacatngg 570

<210> 92  
 <211> 603  
 <212> DNA  
 <213> Homo sapiens

<400> 92  
 ggtacacatg tttttattag attcagtcct cacaacgaat ccattcaaag atacaactca 60  
 cagtggtgaa atgactggcc agaggtttagc caggtagcac gtggcagagg cagggatacc 120  
 aagagtcctt tccatcatat cacactgact aagttttcct gggttctgtc gaaaatatta 180  
 atggttcatt gggcataatg gtttctagtt cttttctatt atttcatcca aatgaatttt 240  
 ccttctcatt tactatgaaa gattttgtta gccctcacat cttgccctac tgcttataaa 300  
 ctaaggaaaag gcaggttcct ccacacagaa cagctctctc ctctatcact ttctatatga 360  
 aactttcaat aagacatata gtgtttatct caagcccacc atagctgagg aggaatcgct 420  
 tgctttcccc tataattccc agtgcccagc attctcacia ctaggagggt cttgagaatc 480  
 tcctcattta tacaatatga agtaaaagcc aattttaaact tttaaatggt aacttaattc 540  
 aatgctgaat atcaaaataa tcaactgtta aaaattttaa tgattgtttt gatataattc 600  
 tgt 603

<210> 93  
 <211> 627  
 <212> DNA  
 <213> Homo sapiens

<400> 93  
 ggtacacatg tgtgcccagc attaaaaaaaa gatgacacag atgctgctca caaatgtcgt 60  
 tttgaaagga agaaaatata tataatcata aaacaaacaa caaaataaga taaaatatgg 120  
 ggaaatgcc aaaccaactc catgcccaagg aaagagcaat tggctaattc cttaaattcac 180  
 caatagggtc ctagaagctg gtctttgata aaatttttat tggttttcag taaagggtgga 240  
 aaaacaagga gaattttatt agcttcttta aaaaaaaaaa aaattttttt caactcaaaa 300  
 agattatccc ttttttaaga ttagcctttc ttatttgaga agccatcaac aaaccctttc 360  
 tctgactgat agtgacatac ataactggtt tgtttatgca attttaatgt ctttttttgg 420  
 atgtggatag aggcagaaga aaagagaaga catcctgggc ccagattgca acacaaacac 480

agaactgacg	tgacagctgt	gggggatatg	ggacagagat	acaggaagga	ggagcctggc	540
cagggttgca	gagtgcagta	aaatcagact	ggggagctga	gagagccctc	ttggagaggc	600
tttgaaatgc	aggccgggga	gtctgga				627

<210> 94  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 94						
ggtacctatg	ataatcagat	ggagatctgg	ggaggggaga	acgtggaaat	gtccttccgg	60
gtgtggcagt	gtgggggcca	gctggagatc	atcccctgct	ctgtcgtagg	ccatgtgttc	120
cggaccaaga	gccccacac	cttccccaag	ggcactagt	tcattgctcg	caatcaagt	180
cgctggcag	aggtctggat	ggacagctac	aagaagattt	tctataggag	aaatctgcag	240
gcagcaaaga	tggcccaaga	gaaatccttc	ggtgacattt	cggaacgact	gcagctgagg	300
gaacaactgc	actgtcacia	cttttctgg	t			331

<210> 95  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (1) . . . (752)  
 <223> n = A,T,C or G

<400> 95						
ggtcctgtcc	cgcccccttc	cccaagcgcg	ggcccggcca	gcggaagccc	ctgcgcccgc	60
gccatgtcaa	agaaaaaagg	actgagtgc	gaagaaaaga	gaactcgcat	gatggaaata	120
ttttctgaaa	caaaagatgt	atttcaatta	aaagacttgg	agaagattgc	tcccaaagag	180
aaaggcatta	ctgctatgtc	agtaaaagaa	gtccttcaaa	gcttagttga	tgatggtag	240
ggtgactgtg	agaggatcgg	aacttcta	tattattggg	cttttccaag	taaagctctt	300
catgcaagga	aacataagtt	ggaggttctg	gaatctcagt	tgtctgaggg	aagtcaaaag	360
catgcaagcc	tacagaaaaa	gcatttgaga	aagctnaaaa	ttggcccgat	gtgaaaccgg	420
aaagaacnga	acncaggctt	acaaaaaga	agctttcttc	acnttcgaag	aaccaaagg	480
gaaccagctt	taanggccna	aagttgnaaa	aatttccaaa	ggactggnga	atccncnaag	540
tttgtgggaa	aaaaattccc	ttanccttan	ttcccccaatt	aaaaatnttt	gggggnccaa	600
aagnaaaaat	ttnggggttt	tgaaanaaaa	tttaaaantg	ggntngaaac	ntttttggga	660
aattccccaa	aanaactttt	gccttccctt	tgnccttaaa	aantttncca	tgggggggna	720
aaanggattt	nnccttgnc	cngggnggg	nc			752

<210> 96  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 96						
tacaacaaac	accgaaaaca	aagtaaaaaa	tgaaacacaa	ctagagaaaa	tgtttaggac	60
acatgtcagg	aggttaatat	ccctaatact	gaaaaatttc	ttgctagtaa	gccaaacaac	120
ccaataaaa	tctaaatgat	acttcgtgag	ttgataaaat	gatttccaac	ttgagttgtc	180
agacaaaaca	tttgagatag	actaacaata	ttattgttta	tctaaaactc	taattgggca	240
tggtgtattt	ttatttggg	aaggtggcaa	cactatttca	gacacttgtt	ctcatttggc	300

cctgcagtaa ctcaatgaga tggggaaaga ggtaaattaa cctctccaac agcagtttcc 360  
tcattctgtca aatacagtgt gagaattaa ttggataata taggt 405

<210> 97  
<211> 499  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(499)  
<223> n = A,T,C or G

<400> 97  
acagaaactt ggtgggaaaaa ggggactgtg gccagagttg ggaccctgga gcagcatcct 60  
ctgcagagaa ggattttgtc tggccagagc ctggagaaaac ctgaaaaaga accagtcagc 120  
tagccagggt ctacagagaaa agcagattac aactctcaaat tgggtaattt gagcagagct 180  
taataaaggc agtattttaca aagtgtgggc taagcctccc atgagagtgc agaaccctgg 240  
ggctagcagt gtggggcgct attcccagcc ccctcaatcc attggctgag gccgctggaa 300  
gccaccgggg caagggagct tgttgatgtg ggtcacacgg gcatgttccc aggtcaagag 360  
aggagagtgg agagtgaatc tanggagact caagagggaa gaagtgaact ccactacctt 420  
tcctttctgg ccgttttctg tccanctggc ttctcttttt ccgannccnt agttttgggt 480  
ttaangnan ntangtnaa 499

<210> 98  
<211> 688  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(688)  
<223> n = A,T,C or G

<400> 98  
naggtacaag ttatcaatcc gagggacaag agggagggac aagaaccagg tctcagctgc 60  
attcacatcc tggaccctgt catctcaaag ccagttccct cctgccttc caacttgggt 120  
tcattcactt tggattgagt tgcgttctca ctgaacagaa acccacaacc caaaacaagg 180  
gcagcccatg gccgtgatta agctctgcac cagtggcgaa gggatcgagt gggagaccag 240  
aattcagctc cgctctgtg cggcctcaag ggagttatga acttctgagc cttagacatg 300  
cttctgagct gccaccaagc tgctnatgg ggctgcctaa ggattaatgn attaaccacaa 360  
tcccaggcac atnagtcatt aataaaatta agaatacngn gaccactaaa cccactactt 420  
tngaagtact tcctactaac tacnttaaac cccaacttga aggttttgga aaaganaatg 480  
nccacttggg aaccaaaccg gcnnaaangg aaagggtacct tggaggcact ttttcccttt 540  
tggggcttnc ctanaatccn tttccatttt ctttttgacc tnggnaaatt ncccngggga 600  
ccccatttac aaagtttctt tgggcccggg ggnntttnaag ggctttancc aagggnnttan 660  
ggggcttggg aaaaagnccc ccacttgn 688

<210> 99  
<211> 657  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(657)  
 <223> n = A,T,C or G

<400> 99  
 ggtacttttt ttagtatctt aacatcacat gcatttttga gtttatggtc tccagtctcc 60  
 agctgttttt ggagcacctt ctaactttga gaggggtgagc tctagcctgt aaaatggact 120  
 gtgggtggct cgtggagaag gtgccctggg gtgcttttct gtgtcctctc tggattctcc 180  
 ctgagctgtc cacctctgaa gcctgcttca ccttcagact gccagggcaa gacatgcagc 240  
 ttctgcagaa ctcattggcag ccgttttcca cttggccgag ctgggtctgt gaagcagaga 300  
 ggaatcagta ataggaaaga aatgtaagtt gnttttttcc cccttagaat acctaccata 360  
 ctggatttca gcttggagtg cgcagcatga agcatttgtg gtcaaaaaag aggncttctt 420  
 ttttcttct nctggtttct tttcttnctt cttcccaact tccccaangc ttactggcctt 480  
 tcttntnaag ncacgtgtgt aaaatanctt tgagggaaaa aanggttccg gcttgggana 540  
 tttggatnta cctaaagggn cagaataacc cttctttgcc tggttcnttt ttggcctaata 600  
 cnaggggaatt tttcgactgg ggnccattaat ggnccctccg cggccgttaa anggcaa 657

<210> 100  
 <211> 504  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(504)  
 <223> n = A,T,C or G

<400> 100  
 atttcttctt tgcattgcagg aagaaaattc actcgccgtt tgataatttg ttatgggtctt 60  
 atttgacctg ttatccctgc ctcccatgtt ctctttaccc tacaacccat cagctgttag 120  
 agtttcttct tccaagactc tccatgtcca tccctcttgc attccccct ttcactccat 180  
 cttctgtaac ccagccctc gggagctgag gaggtggagg cggatataga cacggagagt 240  
 gctggatgca aaggtgttac ttgtggcaaa ggcgccgtgt gtgctgagga tagatggcag 300  
 gtatgagaga gggcaggatg aagcacaggg gtggagggga gcagagagac ctacaacaaa 360  
 acccactcaa ggggtatgtg agatagactt ttttttctgg nctttttgtg tgtctgtaat 420  
 gggggttggg aagtggggtg gtctcancag ntaattctct ggagntctct ggacttgagc 480  
 ctngtcnnaa nagcccagaa nttt 504

<210> 101  
 <211> 685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

<400> 101  
 ggtgcctgtt ttgccactta ggaagctgga aagaattttc gagtcaagtt aacccaaccc 60  
 cctcttcttt tcacatgtaa gcacactggc tcagccagaa ctcaggtctt tcaacctcac 120  
 agttggtgaa gactcttaca tgttgggtcc aagttgctca actctcaggg ctcagcctac 180

aaaagactcg	gcatttcgac	cagctcagtc	cagaggactc	cagagaatga	ctgctgagac	240
cacccccatt	tccaaccccc	actacagaca	cacaaaaaga	acagaaaaaa	aagtctatct	300
cacatacccc	ttgagtgggt	tttggtnag	gtctctctgn	tccccttcac	ccctgngctt	360
catcctgcct	ctctcatacc	tgccatctat	cctnagcaca	cacngngcct	ttggcacaag	420
tacacctttg	cattcaagca	ctnttcgggn	ctatatncgg	cttcaacttc	ttagcttccg	480
aaggggcttg	ggtacngaaa	aaggatgaaa	gggggggaatg	ncaangggat	nggcctggga	540
aagtttttga	aaaggaacct	ttaccnctga	aggggttgtag	gggnaaaaaa	aacctgggag	600
ggccgggtta	ccnggtcaaa	taggaccttn	ccaantttta	acnggggagg	gaatttnttc	660
cngctgccaa	naaaaannnc	ttccn				685

&lt;210&gt; 102

&lt;211&gt; 498

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(498)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 102

ggtaccatat	acttaaggct	atagtttatt	tcataacttt	ttttctagcc	ttcatatctt	60
gtgttttcag	gttgtcacaa	tattctttta	aaaattaagc	attcttacgg	cttcactcat	120
gtgcaacatt	tataattatt	tgcatttgcc	ccctcaatga	tctcaataga	ataaatcagg	180
ctccactata	ctcatttcac	aaagacacat	tcattacaaa	ggataaagga	ctgaaatatt	240
tgttttgcaa	tctgttgacc	taagtaggaa	taggaagcac	agtttcagtg	cttccaagtt	300
tttaaccctt	gactgagacg	ttttgggtga	gtattactat	tcttattcta	ccaatgataa	360
agggaaactg	aatgcccac	catgtgctgg	ctgtttacac	atatgcaaca	ttgactggtt	420
ctcacaacca	ccttgaggaa	taggcattgn	cttcaattta	caaagagga	aaacaaccat	480
tttcaangng	cattttnc					498

&lt;210&gt; 103

&lt;211&gt; 697

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(697)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 103

ggnatctgaa	attcgctttt	cnagcggcgc	cgggcaggac	taaaaatgta	agtttatttt	60
gccatacccc	taacaacatt	ttatttaaatt	tatattgtga	cttgattaca	aatcttttaa	120
atgacattat	tggcatattt	ttcttaaaact	ttgtaagaaa	aagataacat	ttcacatttt	180
agtagcaaaa	tcattgttaa	gagatagtca	atttttgtga	aatattttgag	tgctaataca	240
tttttccagg	atgatcttct	atcctttaat	atttagatct	tccttttgaa	gcacttacat	300
catcatcaaa	tttttggtea	tttgntgngn	catctaattt	ctgggttcatt	ttctaattggc	360
ttcgtatgtg	aatgaatttt	agttattcct	aacgtcattg	gtagccactc	ttttgaaatt	420
tttttttaaa	ccaggctttc	aattttaatt	tatanggaat	ttgcattggg	atatagatga	480
ccgctcaaaa	ttcccatgng	agactgntga	aatgncctaa	acnattcgcc	tggacnctgg	540
attaanccgn	ggcctcttaa	ggtaatctng	anggggtggc	ttattgggaa	aattttggatt	600
nnggcccggt	tactntgccca	ggttngactt	nnaagggcc	anaaggacct	nggaaatnaa	660



gatnccctna acccttccctt ggnaaanaaa naagttt

697

<210> 104  
 <211> 504  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(504)  
 <223> n = A,T,C or G

<400> 104  
 accatcattc agaataactc ttccaatttc tgctttcaga catgctgcag gtcctcatct 60  
 gaactgttgg gttcgttttt tgtttttttt cctgctccaa gaaagtgcact tcaaaaataa 120  
 ctgatcagga tagattattt tatttttactt ttttaacactc cttctccctt tttccactg 180  
 aacaaaaaag aaatcccatc cctaaaaacct gcctttctcct tttatgcaaa actgaaaatg 240  
 gcaatacatt attatagcca taatgggtata gatagtgatt gcgtttggct atgtgttgtt 300  
 ttcttttttt ttaaattatg aatatgtgta aaatctgagg taacttgcta accgtgaatg 360  
 gtcataatac tttaaagata tattttataat tatttaataa catttgacc cttgaaacat 420  
 ttcttagtgn attgatattg tgactttcgg tctctaaaag tgctctttat taaaataaca 480  
 aatttcttta aagggnctaa aanc 504

<210> 105  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 105  
 ggtactaggt gtctcataat tgaacctctc atccacatgt gcggctttta gctgactatg 60  
 tctttgctat gaagcctggc gatttagagt tttgcttaac tatgaaacca cagaacattt 120  
 ttctgtagtt caatgattta cttgtgcttg tctttttaat atgacaagag tcataattac 180  
 cccaaagaaa ttagaaaacc acatcactcc agcatttcat gctgataaag ggctaaaggt 240  
 tgttttttta atccctaatt accgcttttag aaggcaaagc tgtgttagag gcattcaaag 300  
 atctgaaaga actaaacata acatttcctt catacatcac aaaaacaatc tatatctaaa 360  
 atatttggag aaggggaagta ttttttaaaa tcacattgng ccctggatga acctggaaat 420  
 ggcttancca tatttcaaga atatggntct aggaccact ggaaggaaaa tttgggtaat 480  
 ttaaataaaa ganccctttt ttaggaggan ccgaaagtcc aaccttattc aattccctt 540  
 angaaaatng tttcaagggg gtcccnaaag ggccatttaa antaattttt taaaatatta 600  
 tcctttaaag ggtttttttg ganccenttn nccggttgnc caaggtttnc ccttcgnaat 660  
 ttttnccctt ttttccctaa antttaaaaa aaannggnaa acccccccct ttgnccaaag 720  
 cccatnccctn tttttttacc ccttng 746

<210> 106  
 <211> 645  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (645)  
 <223> n = A,T,C or G

<400> 106

acaagctttt	tttttttttt	ttttttttga	gatggagtct	cacattgttg	cctgggctgg	60
agtgcagtgg	cacgatctcg	gtccccgggt	tcacgtgggt	ctcctgcctc	agcctcccag	120
gtagccggga	ttacaggtgc	ccaccaccat	gcccagataa	ttttttatat	tttttagtaga	180
gacgggggtt	taccatgttg	gccagactgg	tctcaaactc	ctgacctcat	gatccgcctg	240
cctcaacctn	ccaaactgct	gggattacag	gcgtgagcca	ccacaccggg	ctgagttggt	300
gatttttttag	tttgntcagc	tttttacttg	gtagaatgaa	gtgatgactg	ncgacctcct	360
taagggccag	actagaaact	gggagtctcc	tatttangnc	gccttaaaaa	ttgnaagctn	420
gacattgggtg	gtgaagcatt	ggaacaattc	ttaattctgg	tacctganan	gggtgaattt	480
tggtttcact	ngcngcttat	cagtantcaa	ttccttgaac	ttttaaaacn	ttagttaccc	540
ttngtagggga	cagmnttcaa	attttccttg	acttagggaa	cccttantct	ngggacaagt	600
tttattctaa	ctgactgttg	caaacttang	gcttcntacc	tggcc		645

<210> 107  
 <211> 684  
 <212> DNA  
 <213> Homo sapiens

<400> 107

acagccagat	cttaagatga	gtctgtgtca	aaatgacctg	aacgcaagtc	tgtattcttg	60
cagagtaaca	gagtgttcgt	ctgtttctgt	ctaaaagtca	taactataca	gatattctggg	120
aatgcttgca	tgaagctttt	actcccagaga	gcatactact	acttacgggt	ataacttggt	180
gatgtctata	ttggcttaat	tcaaagtaaa	agttcactcc	aggagcagct	ctttgtaatc	240
cacaccaccc	cccagactgt	tctgaataaa	cccagaacaa	ctcatacacc	agcctaagca	300
tgggtctatt	ttctgggatg	ggacagaaca	taattgtatt	aaaatataaa	atcagtttta	360
aaaggtcttg	aaggacatat	cttaaggcca	tgatagtaag	tacagctggg	gtgctgggga	420
ggggacctca	actaggggtg	gtggcaaaaa	tgggactttt	aactttgggt	ttaacatcct	480
ggtcctaaaa	agaagactag	atttacctat	tatatatgca	atctaaaatt	aattcaaaaa	540
gtcatcagcg	aggaccccc	taagattctg	ggtggtaagt	ccaccaaaagg	ccaagagcta	600
aaacaaaagc	cttttccaca	tgttctgaga	agttggccca	aaactgctga	atctataggt	660
cttagcatgc	tctatctatg	tacc				684

<210> 108  
 <211> 236  
 <212> DNA  
 <213> Homo sapiens

<400> 108

ggtacacgtc	gttctcttca	agatctcata	gacaatcgtg	ctccgggttt	tgctgtcgaa	60
aaaggaatcc	ttatcagaca	agtcaaatag	atgctgcttc	tcccgggaga	agggatagga	120
gagtcctctc	atggctctgg	gcctgtgctc	agccactttg	ggctggatgg	gatctgtgat	180
tttctggagc	acagagttga	tttttttcag	gaggccacgg	gtctcattaa	tgtggt	236

<210> 109  
 <211> 497  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(497)  
 <223> n = A,T,C or G

<400> 109  
 acgagaagtg tgggtgctgga atatctttcc ggtgaggcct caagaagttt acagtcacgg 60  
 tggaaggcaa tgaggagcca gcatatcaca tgggtgacagc aacagccaga gcaaaagagg 120  
 gagggagagg tgccactcac acttaaacia ccagatctgg tgtgaactga ctcatcacca 180  
 aggggatggc actaaccatc tcatgaggga tctgccccca tcatccagac acctcccacc 240  
 aggcctcatc tccaacactg gggattacat ttcacatga gatttggagc ggacaaacat 300  
 ccaaaccata tcagtaggat gtctgacatt catcatacga tgtctgagtg aaggggaggtt 360  
 taagggtcta ttttgtctcc ctggatagta atggaaaatg tatatctgaa agagatgtct 420  
 gaaaaagaaa gtttaagtgg gtggcttgca cacttttggg ttgctagnng gctttttgag 480  
 ctcanattct catttgn 497

<210> 110  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

<400> 110  
 ggtacagccg gtctctttct tccaggaatt ggctactgtc cctctgcaat cccattcatg 60  
 ataaaagcat tcttatataa cacaaaagat gctgcatcaa tgattctcaa acctccaaga 120  
 catccaaatc aactagcatg cttaagatgc agattcctgt gctcgactca ccaacttcca 180  
 gaattttcca tcccttaggt ctgaggtaga cctgggaatc tgccttgcta acaaatgatg 240  
 ctgacactgt tgatttgggg accccacttg gagaacctgg gctctagatc tctacctct 300  
 tactgaagtc ttcttccact tctgtcttta actggaatcc aaccgcccac cctgnagcc 360  
 cttgcaaagt gaattgccct ttccctttac tctggttttt tctctctggg ttctagccta 420  
 gattccangg aacatnaact ttgggcntgg cattttcccc tngatntggg atccttttgg 480  
 nccagntttt ccccaaagna agcctnaat tcaaaatctt tccccntng gttectattn 540  
 acccggaact tcngggggna aaaaatnccc aaaagcccc ttacnaaatc cctttttccc 600  
 aaacttcaat tgggaaactn gggttttaaa aaagncccn tttnccaaan ccnaaaantg 660  
 ggcctaacc cccccenttn aaactttntt ttttnnaaa attnttttn anaaattncc 720  
 tt 722

<210> 111  
 <211> 614  
 <212> DNA  
 <213> Homo sapiens

<400> 111  
 accagggtc tcaattccaa atagactatt taattgtttt gatacattct caaaaactgt 60  
 caagggtcc aaggcatcca aagcttcaag gtatttgttc acaaacccta ccctgtttgc 120  
 ttgaatatga actgtcttaa tttctagccc ggtcttccat tccacaagt ctgtgacttt 180  
 gtccctattg ttatctctgt aaggctatcc tctcctttgc ttttaaactt ttactcagaa 240  
 ttcatgagcc aacttgaata tcactttctc catggaattt ttatgagttc tccaacataa 300  
 ttcaatgacc aggtcagttt ttgatccagg acagcatttc ctgtgaatgt ggtggatgtt 360

atatatcact	caatgcattt	tctcattacc	ctggggaatc	aataaattgg	agtttcttaa	420
tctgcagaac	tgaggaccaa	tagctttaaa	atgtgtgccc	atgaatctgt	tccaagaccc	480
aagatgaaat	ttcagccctc	atccaccctc	atataaatga	caaaatatta	tgtgggatcc	540
ctgtaacaac	tgaattttta	aatgctagga	ttatcccttc	cctagcacta	tgtcattttt	600
aaaggtgtac	ctcg					614

<210> 112  
 <211> 499  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(499)  
 <223> n = A,T,C or G

<400> 112						
acttttctgg	aaattggctt	taagagctca	tcttgcattt	ttaaaatctc	tccaactgga	60
tcaaattttt	tatatactcg	tttgataggt	ttttttaaaa	cacatgactc	ttcaggacta	120
caagcagtat	tagtctggtt	tcctacagaa	gcctgtcctg	aggaagaatt	tggactagct	180
ggtctggaac	ttaagttaga	acccacaaca	gctgtctttc	catcactatt	attttttacat	240
tctgtatcaa	tgattaaaca	ctcctcatct	gtatcactgc	tgacagagaac	tgtaccttca	300
gtttttgctg	cttctgatcc	aacagtcttt	tcctttgagt	tgtctagggt	ttctagaaca	360
ttaggtcttt	caccatcagc	atgtaataa	tctatagtca	tatcattttt	attagaagtt	420
tcaatttcct	gagaatttct	aactggaagg	catcagatgt	tttcaaggca	ctatcttgga	480
tcaaangctt	ggcaaaaaa					499

<210> 113  
 <211> 697  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(697)  
 <223> n = A,T,C or G

<400> 113						
gcgtggcgcg	gcccgaggta	cctaacatga	cagatgctcc	tacagcccc	aaagcaggaa	60
ctacaactgt	ggcaccaagt	gcaccagaca	tttctgctaa	ttctagaagt	ttatctcaga	120
ttctgatgga	acaattgcaa	aaggagaaac	agctggctac	tggtatggat	ggtggccctg	180
aggaatgcaa	aaataaagat	gatcagggat	ttgaatcatg	tgaaaaggta	tcaaattctg	240
acaagccttt	gatacaagat	agtgacttga	aaacatctga	tgcccttacag	ttagaaaatt	300
ctcaggaaat	tgaaacttct	aataaaaaatg	atatgactat	agatatatta	catgctgatg	360
gtgaaagacc	taatgttcta	gaaaacctag	acaactcaaa	gggaaaagac	tgttggatna	420
gaagcagcaa	aaacctggaa	ggtccagttc	tctgcacant	ggatncccan	tgaanggaag	480
tggttttaaat	caattgggtc	cgggaatggg	aaaaaattaa	ttagtggatg	ggaaaagacc	540
agcttggttg	nggggttctn	aacttaaagt	ttcnanacca	nnntangtcc	naattttttc	600
cttnagggaa	agggcttttn	tnggnaaacc	gncttaaaac	gggttngnan	cccctaanaa	660
ntcttggngt	ttaaaaaaa	cctttttanc	cgngttt			697

<210> 114  
 <211> 497

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(497)  
<223> n = A,T,C or G

<400> 114  
 acccacttct gacatctgga ccacttcttg cagtcatttg gggtcatccc ccacactggt 60  
 aacctgtcat caaatgggcc acagcaacat tcagcttaag tatttctcct tcccacatcc 120  
 aagggttgga gtgggagtga gattgggggg tggaaaaaac agtgaacagt cctgggtgagt 180  
 tgcagatgtg gtctcattcc ctagagatgc aggatgcagc tgacctgaat caggacagat 240  
 ccctgcagga gggactcctg gtgccatgtc agtcccacct ggcactgccc tagctcccag 300  
 gctccgcctc tgcattcttc cttgctactt cctctttcac ttctcccccg ttcccagacc 360  
 caccagacag agcttccaga gtgtcaggac atgtgtgact tagcccagat tcagacttta 420  
 gtcacaagca ggatcaagca tanacatcta acttccagca tgggcaattc tctgggtgggg 480  
 ctccctgnnt ggantgg 497

<210> 115  
<211> 687  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(687)  
<223> n = A,T,C or G

<400> 115  
 ggtactatgt gtgaagaaat ggagaaaagg aaaaatcang tgtagaaaaa taagaaaaag 60  
 caagagttag gttggtgcct acagttcaca gcatgtgata aggactgagc atttattcta 120  
 ttatttggtc ataaaaatgc aggctgtaag ggcctacaca caccagctta tcgnagactt 180  
 ggctctgagc tttcctgcag ccaatacaaaa caggggagaca cancagagaa ttgccatgct 240  
 gggagctaga tgtctatgct gatcctgctt gtgactaaaag tctgaatctg ggctaagtca 300  
 cacatgttct gacactctgg aangctctng ctgggtgggtc tgggaacggg ggagaagtga 360  
 aagatgaagt agctagggaa nagatgcaga ggctgnncct tgggaactta ggcaagtgcc 420  
 aggtggggac tgacctgggt anccaggaat tccnttctct gtangggatt ctggtcctng 480  
 aattcagggg taagcttgcc attcctgcat ttcttntagg ggganttgan aacccccctt 540  
 ttggaaactt cancaaggan ttgggtctccc nggntttttt ccccccccta aattnaattc 600  
 cccnttaan cctttgaatt cnggnaaggg nnaattcttt ancctaantg ttcttggggc 660  
 nctatttggg ngacagggt ncnangg 687

<210> 116  
<211> 508  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(508)  
<223> n = A,T,C or G

```

<400> 116
ggtagccatt ttctatttca agtagattaa ccccttatat tctgctaaaa tcatacttgt      60
tgcctaacac ccagtttaaca aagcaaaaaa aaatcagtta atttataaaa acaaaatgct      120
aattcttatt ctatgtgaat gtatttcata gattttaagg ggtaaatcac caattagaag      180
acatgctgtg tccacactat tttaagatta aacgttaaat ggaatatatt aattcaaatt      240
aacatgggtca tgtaaaatat ataaccact caaccattta aaaactagtg tgaacactgc      300
tcaattctag aagagacaaa gacaaaacaa acaaaacagc cacacaaagg acaataaatg      360
ccaggctctg catccaaaat cctcctttaa tcaaatggca gatgtgacac tgagcttttg      420
aaaaccttgg ncaaaaatcc ttccgatgtc ttggcagcaa cccctggcag gatcaatccc      480
ctctgntata aagntttggg ccnngccc                                     508

```

<210> 117

<211> 644

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(644)

<223> n = A,T,C or G

```

<400> 117
acaggggtta aggaaggctt tgccggaaga acaattgtaa atcatgagag ttactacttg      60
cgcattgtgt gtagtctctt ttaatgcata atggctcctt ttaataccaa aaattaatta      120
ataaaggaaa tgattacatt gtccaaataa ctgttaaaca catgacagat ctgttttatg      180
atactgtgtt tgacagttaa acattaagta aacatttaat tgactttaag cttgaaatgt      240
tcagaatgct ctaacccttg ctacagaatc ttttctgcag caagttaagt attttgtgtg      300
ttttttccca cctgtagctt atcaggcccg gtccaaagcc ttctagcaga ggggattgat      360
cctgtcaggg gttgctgcca agacatcgga aggatttttg accaaggntt tcaaaagctc      420
aatgncacat ctggcatttt gataaaagga gggatttttg atccaaagcn tggcnttatt      480
ggccttttgg gtggctgggt aggggtgntt tggctttngc cttttcttaa aaattaacca      540
nggttnccac ttantttttt aaaagggtga atggggtaaa atttttccnt ggaccnngta      600
aattgnaata aaaattcccc ttaccgtta aacttaaaan angg                                     644

```

<210> 118

<211> 500

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(500)

<223> n = A,T,C or G

```

<400> 118
ggtagaaaacc catgcagcct ggccctcacg tgggtcaagat cttcttttgc ggggacacta      60
ttcctaagag tcccttcggt gtgcaggttg ggggaagcctg caatocaaat gcctgccggg      120
ccagtggccg aggcctacaa cccaaaggcg tccgtatccg ggagaccaca gatttcaagg      180
ttgacaccaa agctgcagga agtggggagc tccgtgtaac catgaagggt cctaagggtc      240
tggaggagct ggtgaagcag aaagactttc tggatgggt ctacgcattc gagtattacc      300
ccagcaccac ggggagatac agcattgcca tcacatgggg gggacaccac attccaaaga      360
gcccctttga agttcaagtt ggccctgaag cgggtatgca gaaagtccgt gcttggggcc      420
ctgggctcca tgggtgggatt gtcnggcggt caacngactt cgtggnanaa tccattggct      480

```

ctgaaatnng gnetctgggg

500

<210> 119  
 <211> 624  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

<400> 119  
 actcaatctt tgcttgagag gggccttcaa tggcaaaccc cagagacccc acttcagagc 60  
 caatggattc taccacgaag tctgctgacc gcccagacaat cccaccatgg agcccagggc 120  
 cccaagcacg gactttctgc ataccgctt cagggccaac ttgaacttca aaggggctct 180  
 ttggaatgtg gtgtccccc catgtgatgg caatgctgta tctccccggg gtgctgggggt 240  
 aatactcgaa tgcgtagacc ccattccagaa agtctttctg cttcaccagc tcctccagac 300  
 ccttaggacc cttcatgggt acaccgagct cccacttcc tgcagctttg gtgtcaacct 360  
 tgaaatctgt ggtctcccgg ataaccgacc cctttgggtt gtaggcctcg gccactggcc 420  
 cggcaggcat ttggatgcan gctttcccaa cctgcacaac gaanggactt ttangaatag 480  
 tggncaccagc aaagaaaatc ttgaccacnt tgangggcca gctngatggg tttggacctt 540  
 tggccggaac acccttangg ccaantccng canttggggg ccgtacttag ggaccaactt 600  
 ggnccaact ttgngaata tggg 624

<210> 120  
 <211> 504  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(504)  
 <223> n = A,T,C or G

<400> 120  
 acaggcatgg caccgacatc tgcttggtt ctgctgtagc ctcaggaagc ttatagtcgt 60  
 ggcagaaggc aaagagggac ggcaagagag gaagcaagag agagagcgag gaggtctcag 120  
 actctcttta ataatcagat ctctgataa ctcatttcca tggggagggc accattcatg 180  
 agggatccgc tcccatgacc caaacagccc ccaccgggcc ccactgtcaa cactgaggat 240  
 cacatttcaa catgaaatgt ggaggggaca gacatccaaa ctatatcacc tccatactgt 300  
 tttccacagc attcccacca acagtgcaca ggggtttcag tgtctccaca tcctcatcac 360  
 acttggtatc ttctgttttt gtttgtttgt ttgtttgttt tttatagtag ccattctcat 420  
 gantgtgaag tattaacagt gtcttttgaa gatcagaaat ttctaatttg atgaaagtcc 480  
 ngnttanca nttttttctt tttt 504

<210> 121  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(630)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 121

ggtactatcc	taagtttaac	actgcttcac	agtaaggaaa	gccgatcaaa	atttaaggag	60
agattagaat	ccagaaatag	gcccacacat	atatatagtc	attgattttt	aataaagggt	120
caaaggcaaa	acaatgaaga	aaggatggtc	ttttcaataa	atgatgcaga	aacaactgga	180
catccacgta	tgcaaatata	ctttaatcca	tgccttttac	tttatccaaa	agctaatacca	240
aaatagaaac	ctccctttcc	tccctcaaaa	aagcttctag	agaaaacaca	ggagaaaatc	300
tttgtaacct	tgggttcaca	aagatttctc	aggtatgaca	ccataagtat	gatccagaaa	360
agaaaaaaaa	tgataaaactg	gacttcatca	aattagaaat	ttctggatct	tcaaaagaca	420
ctgntaatac	ctcacactca	tgagaatggc	tactataaaa	acnaannanc	caaccaacca	480
ataacngaag	attncagggt	gatgangntt	ggagacnctg	aanccctgng	cactgttgggt	540
gggaatnntt	ntggaaaaca	gttggangng	aattagntng	gngnntngcc	cttccanttc	600
atgggnaagg	gacctnaggn	tgancgnggg				630

&lt;210&gt; 122

&lt;211&gt; 431

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(431)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 122

actgaaaagc	ttggtcataa	tcttcctgaa	catggaatga	tctagctagc	tgatagcagc	60
tctctgcttg	catagcttcc	acttctgtat	tatggaatgc	atggagggcc	agatgctgga	120
ctttactata	atcctttttg	aagaaaaagt	gatttgccaa	atggttcaat	accataggggt	180
tgctaggatc	aatagtatag	gctctggaaa	gaagctggac	accattttta	atggaatcag	240
cctctttatt	gttgagttct	agaacagcca	gtccaaccaa	tgctcccacg	catttggaat	300
tgagttccag	ggctctgctg	aatgccagac	gagctttttc	cagtttggtt	agtttcacaa	360
agcaatgacc	cattcctaaa	cnaacttccg	ctggacattc	ctgggttaag	tacctnnggc	420
cgngaccacg	c					431

&lt;210&gt; 123

&lt;211&gt; 504

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(504)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 123

actggctgtc	ctctgaggca	ccttggtgtc	ttttccacaa	tggtttattt	tcctccagta	60
ggctagactg	gcttccttat	ttggcagttt	cagggcagca	tttcaaaagc	aggaagggtg	120
aagtggcaag	gccccttgag	gccctttctt	cagagctcac	acagtgtcac	ctttaccaca	180
ttctattggg	caaagcaact	tccaggccag	ccaaaattca	aagggtgagg	tagtagactc	240
tacctctttt	ttcttttgag	acagaattgc	gctctattgc	ccactctgga	gtgcagtagc	300
agcctcatgg	ctcactgcag	cctcaacctc	ctgggctcaa	gcgacacctc	catctcagcc	360



tccccgagtag	ctaggaccac	aggcacatac	caccacagtc	agctaattaa	aacatttttt	420
ttggtagaag	atgggttctc	acttttttgc	ccaagctgat	catgaactcc	tggccacntt	480
ngggcntttc	aaggggnaac	cccc				504

<210> 124  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(632)  
 <223> n = A,T,C or G

<400> 124						
ggtacaaaca	cagtaaagaa	caacacagat	accagtcctg	cctttatcag	gaaagacaaa	60
acaaaaacaa	aaagtaaaca	ttccagtaaa	ggaatgatta	gtgctattat	gacaaggaaa	120
gcatagggaa	ctattcgatc	aaagaagaga	ggttacagtt	cccccattct	agggtgtttg	180
gaaaggaaga	atatccttag	taaatgacat	tgaagctaaa	acctaaacta	tgtatagcag	240
tcagctagaa	aaaacaggca	agaaagaata	tttcagggtg	agagaaacac	atgttttcag	300
gccaaaagct	ggagaacaag	gtgagtttaa	agaactgana	gaggtttagt	gattacaatn	360
gttgaacaaa	aggggggcat	tgtggaatga	atannaaaga	ntgggtttgt	anattggaat	420
ctctgcagca	aaactccatt	cagaagggtat	aagtccangc	cttgggtggg	tactttggna	480
aggccgtagt	gggccaggag	nttcattgntn	cancttgggc	caaaaagnng	agaacccatt	540
ttttccaaaa	anaatgnttt	naatttacct	ncntgggggg	ggaatgnncn	tngggtcctt	600
anttccttgg	aanggtttta	attgnaaggt	nc			632

<210> 125  
 <211> 496  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(496)  
 <223> n = A,T,C or G

<400> 125						
acaagattag	gaggggggaa	aaacctgaac	aaatcctgga	acacacctat	gtattttacgt	60
catgggaaaa	ggggagagaa	cacttcaa	atcaacaagt	tctgcgccat	taattcatta	120
atagctaaat	ggccacacca	aattgcatgt	gaatgttaga	acctctcaga	tagccacaat	180
aagtccatat	ttttttttta	aaaaaggaaa	acacagaaat	aactaccaac	agtgtctgag	240
aagagagact	aagttaacat	acattgcatg	tattgcaggc	aaggcagagg	cattttttta	300
aagcttttgc	acagacttca	tataatctta	aaaaaaatat	gcaggccttt	gcaagatttg	360
acttgctgaa	atccaaacaa	ttttgactca	tgaaaagtca	taagacttca	gctgaaaaaa	420
aagaaaaaag	ttccagcctt	agaccacaaa	aaaaaacctg	gaanagtntg	atagatttaa	480
cnanggtngg	cacgct					496

<210> 126  
 <211> 631  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(631)  
 <223> n = A,T,C or G

<400> 126  
 ggtacacctt gttaccaa at aggttggttct cttccccacc cacctttgag cttttgctct 60  
 aaaatacatt cagggtccaa gcctgaccat ccttggttaa tctatcatac tcttccagggt 120  
 tttttttttt ggtctaaggc tgggaactttt ttctttttttt tcagctgaag tcttatgact 180  
 tttcatgagt caaaattggt tggatttcag caagtcaaat cttgcaaagg cctgcatatt 240  
 ttttttaaga ttatatgaag tctgtgcaaa agcttttaaaa aaatgcctct gccttgccctg 300  
 caatacatgc aatgtatgtt aacttaagtc tctotttctca gacactgttg gtagttattt 360  
 ctgtgtttttt ctttttttaaa aaaaaatatg gacttattgt ggctatctga gaggggtctaa 420  
 cattcacatg ccaatttggg ggtggncatt taactattaa tggagttaat gggcccaaaa 480  
 cttgggtgata ttttnaagggt gtctcttccc ntttttccaa tgccgtaant cntttngggg 540  
 tgggtccagg aatttgntcc aggnntttttt ccccnctaa aatnttgaac cttgncnngg 600  
 cnggnccttt caaagggcna attnnanccn t 631

<210> 127  
 <211> 518  
 <212> DNA  
 <213> Homo sapiens

<400> 127  
 cagggtactcg gtgcttccca acacctcctt attggaaaac agccaaggag atgggtggcta 60  
 actggaggca tcaaccagca gtgggtggagc agtggagcaa ggtcatttgt gcactcactt 120  
 ccagattgct acgctttaca tatggctcctt catttcctgc atttaaagtt cccgatgaag 180  
 atgccagtct gatccctcca gaaatggata atgagtgtgt tgcacagaca tggtttcgct 240  
 ttttacacat gttaagtaat cctgtggatt tgagtaaccc agctattata agctctactc 300  
 ccaaatttca ggaacagttc ttgaatgtga gcggaatgcc gcaagaattg aatcagtatc 360  
 cctgccttaa acatctgcct caaatatttt ttctgtgcat gcgtggaatc agctgtctgg 420  
 tggatgcatt cttaggtatt tctagacccc gatcagacag tgctcccca acaccgtga 480  
 atagattaag tatgcctcaa agtgctgctg tcagtacc 518

<210> 128  
 <211> 865  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(865)  
 <223> n = A,T,C or G

<400> 128  
 accaaaggat agctgttctg ttttaagtagg gacctctcat ggcttacagg ctttgacatc 60  
 tgagaatcaa actggagaac attccgaagc cgttcttata agtgtctcca tctctacctg 120  
 ggctgaaatg gaatgtgcaa atgtagccca gcctgggtcct tgggtgttgc cagttgattg 180  
 atgactggga gccaaagtgg catctccttt gacctaaacg ggcgatgatg aaataaaaact 240  
 caacagcctt tctctcatct tgcattgtga gatgcgaaat agagcgtgtc tctctgcctc 300  
 tcatttttagg ctgaggccgt ccaaagcggc catgccccat gtttccacta gatggcgtg 360  
 acacttcagg catcaacct catggcctct cagccttgca aaggcagcca cttaaagtcg 420  
 gtgtcctgtg tggggcacca agctgagctg cagacacca gtaggcgcga ggcaaatgcg 480

tcccattttaa	agaggcttgt	atztatgagc	tctttgcttc	ctccctccca	ctatctttaa	540
agaattgctc	tccatctcct	ttggcaaagt	tcctttgccc	tttgncctat	ttttgtgaaa	600
cccttcaagg	tattttccagt	ccatttgcac	ccaatctggc	atctttacng	aanagcggtc	660
tcatatgcta	ttgggtggtaa	cgtgggacta	gtatttatgn	gggtgagAAC	cacttggtcg	720
tttgtcaagg	aaaagtgtgc	ccaaaaacca	agaagtacct	ttggccgnga	accacgctta	780
agggcgaaat	tctgnagata	tncnntcaca	cttggcgggc	cgggttcgaac	cttgcantta	840
aanggnccca	atttggccct	tatag				865

<210> 129  
 <211> 910  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(910)  
 <223> n = A,T,C or G

tactctttgt	tttggcacac	ttttcctgac	aaacagccag	tggtctcaac	acataaatac	60
tagtccacgt	taacaacaat	agcatatgag	accgctctcc	gtaaagatgc	cagattggat	120
gcaaattggac	tggaaatacc	ttggagggtt	tcacaaaaat	aagacaaagg	gcaaagggaac	180
tttgccaaag	gagatggaga	gcaattcttt	aaagatagt	ggaggaggga	agcaaagagc	240
tcataaatac	aagcctctta	aaatgggacg	catttgcctc	gcgcctactg	ggtgtctgca	300
gctcagcttg	gtgccccaca	caggacaccg	actttaagt	gctgcctttg	caaggctgag	360
aggccatgag	ggttgatgcc	tgaagtgtca	gcgccatcta	gtggaaacat	ggggcatggc	420
cgctttggac	ggcctcagcc	taaaatgaga	ggcagagaga	cacgctctat	ttcgcatctc	480
acaatgcaag	atgagagaaa	ggctgttgag	ttttatttca	tcacgcgccg	tttaggtcaa	540
aggagatgcc	actttggctc	ccagtcatca	atcaactggc	aacacccaag	gaccaggtcg	600
ggctacattt	gcacattcca	tttcagccca	ggtagagatg	gagaccttat	aagaacngct	660
tcngaattggt	ctncagtttt	gaatctcaga	tgtcaaaagc	ctgtaagncc	atgaaaggtc	720
cctacttaaa	ccggaaccag	ctatcctttg	gnantggcc	gggccggggc	ggttcgaaaa	780
gggcgaaatt	ccacaccact	tgggcggccc	gttacttaan	ggaatcccga	actttgggnan	840
cccaagcntt	ggcggtaaat	catggggccat	anctgggttt	cctggggggg	aaaatggtat	900
tcccttccca						910

<210> 130  
 <211> 932  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(932)  
 <223> n = A,T,C or G

taccgcttgt	ttatccaaat	tttcctctgc	aagtggagca	tctgctagga	tcaatagcag	60
cagtgttaag	caggaagcta	cattctgttc	ccaaagggat	ggcgatacct	ctttgaataa	120
agccctatcc	tcaagtgtcg	atgatgcgtc	tttgggtaat	gcctcaattt	ccagctctgt	180
gaaagctact	tctccagtga	aatctactac	atctatcact	gatgctaaaa	gttgtgaggg	240
acaaaatcct	gagctacttc	caaaaactcc	tattagtcct	ctgaaaacgg	gggtatcgaa	300
accaattgtg	aagtcaactt	tatcccagac	agttccatcc	aaggggagaat	taagtagaga	360

aatttgtctg	caatctcaat	ctaaagacaa	atctacgaca	ccaggaggaa	caggaattaa	420
gcctttcctg	gaacgctttg	gagagcgttg	tcaagaacat	agcaaagaaa	gtccagctcg	480
tagcacaccc	cacagaaccc	ccattattac	tccaaatcaa	aggccatcca	agaaagatta	540
ttcaagcaag	acacatcttc	atctactacc	catttagcac	aacagctcaa	gcaggaaccg	600
tcaaaaagaa	ctagcatgtc	ttcgtggccc	gatttgacaa	gggcaatatt	atggagggtg	660
agaaaaaggg	nggaaactca	aaaagcnaac	cacctnggaa	anccaaacng	ggaaaacttc	720
acttgtcaag	agcactcccc	ttnaaaaaaa	ccnccccaa	gggggttnca	aaaactcagt	780
cccnttcggg	taaccngaaa	aaggggggac	cgaaaacccc	cganaccng	gccccaaaa	840
tntaggacct	tgccccggcg	ggccccgntc	aaaangggcg	aaatttttgg	gaaaatccat	900
tnnnctnngg	cggggcnggt	tttgaccatt	cn			932

&lt;210&gt; 131

&lt;211&gt; 890

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(890)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 131

actagaat	ttggctgg	tctggtttc	ggtcacct	tctgttactg	gaagtgactg	60
agtttttg	acacctgg	gttttttg	gggagtgc	tgacagtga	tttcctgtt	120
ggtttctag	tgtttgctt	ttgagtttc	gccttttct	gcactccata	tattgccctt	180
gtcaaatcg	ccacgaag	atgctagtt	tttttgacgt	tctgtcttga	gctgttgtgc	240
taaatgggt	gtagatga	atgtgtctt	cttgaataat	ctttcttgg	tggcctttgt	300
atttggag	ataatggg	ttctgtggg	tgtgctacg	gctggacttt	ctttgctatg	360
ttcttgaca	cgctctcaa	agcgttccag	gaaaggctta	attcctgttc	ctcctgggtg	420
cgtagattg	tctttagatt	gagattgcag	acaaatttct	ctacttaatt	ctcccttgga	480
tggaaactg	tgggataaa	ttgacttcac	aattggtttc	gatacccccg	ttttcagagg	540
actaatagg	gtttttgg	gtagctcagg	attttgccct	cacaactttt	agcatcagtg	600
atagatgtag	tagatttcac	tggagaagta	gctttcacag	agctggaaat	tgaggcatta	660
accaaagac	catcatca	cacttgagga	tagggcttta	ttcaaagagg	tatcggcatc	720
cctttgggg	accagaatg	aagcttnctg	cttaacactg	ntgctatgga	cctanccana	780
agctccact	tgcanangga	aaatttggat	aaaccagccg	gancccttgg	cgggaancac	840
gcttanggcc	gaattccnca	cacctggg	gncggttacc	taagggaacc		890

&lt;210&gt; 132

&lt;211&gt; 606

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(606)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 132

actcaggcac	ttcacagttt	acttgaaaga	ggctttggaa	aatagataaa	gtgaaagaag	60
aataaataca	tattttta	aatgtaattt	taaaaatcct	ttataatcag	gactaagtct	120
tggtttgcag	aagctgtcac	ttaccctgaa	acacagtatc	aaaaggga	cttaaaacat	180
actgtttgat	ttttttat	cctcttacaa	tccatgtttt	caggtagaat	tatgactttc	240

ccccattgt	tacacatttc	tttacaaagg	aggcctgtag	aaattggaca	cgatcatgct	300
tgagcatgtg	agttagtcaa	attatgagtc	cctgcctatt	gtccattaca	caccgaatgt	360
taattttaaga	accagaggca	gaagttctgg	cttcctgctt	gaaacccaat	tcttatatga	420
aaatttttaa	aagccagaac	ctagcagccc	atctgntttt	tctcttttgc	cgngnattt	480
ggancccttg	cggaacacc	cttanggggn	aattcngnnc	acttgggggc	cggacttan	540
ggganccaac	tttgggccca	annttgggga	aancagggcn	anattngtnc	ctggggnaaa	600
tggtnn						606

<210> 133  
 <211> 606  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(606)  
 <223> n = A,T,C or G

<400> 133						
ggctacttttc	cttaattcttc	ttcttcttct	tcttgtcacc	atccttcttt	tcttcttcct	60
catcagaacc	aacatcttca	atttcagggt	tgtcttccga	ctcttctctt	tctttttctt	120
tttcttcttc	tttgtcttcc	ttttcttcag	cctcatcctc	gcttacttct	ttatcacggt	180
ccttctccac	aaaaagagta	atgggatata	caataaactg	agaatgtttc	ttcacaatct	240
cctttattct	tcttctctcc	aagtaactta	aatttagtgg	ttgctggagc	acctaaaagt	300
cagattgtca	tggtggaagc	ctctgcagag	aacattttac	agcaggactt	ttgccatgct	360
atcaaagtgg	gagtgaaata	tacccaacaa	ataattcagg	gcattcagca	gttggtaaaa	420
gaaactggtg	ttaccaagag	gcacctcaga	aggtattttac	cccttcgcag	agaatgngaa	480
atatactcat	aaacctgcta	tggagagact	ctatgcagtt	ttacagatac	gagcatgaca	540
aggttcngga	gatgaagctg	taccaaataa	gatagatccn	gnggaccact	aaangaaaat	600
tccgag						606

<210> 134  
 <211> 598  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(598)  
 <223> n = A,T,C or G

<400> 134						
tacntcacca	tcccgtatct	gctgctgtnc	canaaggcat	ngncaaattg	agggtcatac	60
tngatagcan	cagggtaaac	tgtggctcca	atttcaaaac	ttncctttat	gaacatcctc	120
accgangtat	tattgatgca	ggntccttct	gngaagatga	ggataggcag	ctngctttta	180
tcttgcatat	gttcannnan	nctnttagcc	accanntggc	nacotctcac	ttccgagcgc	240
tcaaaccaga	cgtgtggncn	ggccttcacc	atggntctct	gaatcacacc	catgagtccc	300
ccgtgcactt	gacccaccat	ggcataatan	ccatcgctgg	ccaagatgat	cacatcgatc	360
ggtgaggnat	gattggccac	acagatgcc	ccatttcttg	gtctgntttc	cctgtcatgg	420
taggtgatga	tggctgtcag	cgctgcacg	cagatccggt	aacacattaa	ctgaacatgt	480
ttactcatga	actccttaaa	cctcccattt	ggcangtatc	ccaccacagn	tgtgccacc	540
accagaaggc	taatccctgt	gaaagccagt	gctatcctga	gcggcancag	aaagcagt	598

<210> 135  
 <211> 617  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (617)  
 <223> n = A,T,C or G

<400> 135  
 actgctttct gctgccgctc angatagcac tggctttcac agggattagc cttctgggtgg 60  
 tgggcacaac tgtggnggga tacttgccaa atgggaggnt taaggagttc atgagtnaac 120  
 atgtncactt aatgtgttac cggatctgcg tgcgagcgct gacagccatc atcacctacc 180  
 atgacaggga aaacanacca agaaatgggt gcatctgngt ggccaancat acctcaccga 240  
 tcgatgtgat catcttggcc ancgatggct attatgccat ggtgngtcan gtgcacngcg 300  
 gactcatggg tgtgattnag agagccatgg ngaanngcct gcccacacgt ctgggtttgag 360  
 cgctcggaag tgaatgatcg ncacctgggt gntaananac tgactganca tgtgcangat 420  
 aanngcnagc tggctatnct catcttccca gangganccct gcatcaatna tacatcgntg 480  
 atgatgttca aaaagggaag ttttgaactt ggagccacag tttaccctga tgctntcaag 540  
 tatgaccctg aatttgncga tgccttctgg aacagnagca aatncngtat gnggactanc 600  
 ctcgngcgnn ancacgc 617

<210> 136  
 <211> 610  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (610)  
 <223> n = A,T,C or G

<400> 136  
 cgtgccgtag gccggaatgt taccggctgt tggatctgcg gatgaggagg aggatcctgc 60  
 ggaggaggat tgtcctgaat tggttcccat tgagacgacg caaagcgagg aggaggaaaa 120  
 gtctggcctc ggcgccaaga tcccagtcac aattatcacc gggatatttag gtgctgggaa 180  
 gacaacactt ctgaactata ttttgacaga gcaacatagt aaaagagtag cggtcatttt 240  
 aaatgaattt ggggaaggaa gtgcgctgga gaaatcctta gctgtcagcc aagggtggaga 300  
 gctctatgaa gagtggctgg aacttagaaa cggttgcctc tgctgttnag tgaaggacag 360  
 tggccttaga gctattgaga atttgatcaa aagaaagggg aaatttnatt acatactggg 420  
 agagacnctg gattancng accctgggtc cantggcttn tantgttttg ggttgaagct 480  
 tnaattaggg nnngtnttta acttggaggg ttnttacttt tgggggttca antttgggtt 540  
 aaacttttnn cnaaaaaaac cttgangcct tnttaatgan nntttngca agttttttgc 600  
 canagccttt 610

<210> 137  
 <211> 645  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(645)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 137

acaattccaa	gtgcttatag	ccaatataag	catatttcat	attagaaata	gttatccata	60
tgtaacaag	aaactatggt	cctcaaatat	gccaatTTta	gagtctaata	actactgata	120
gtaactatgt	aaatattttg	gaataaacag	ttatttacgc	aagccacact	tcagctgaga	180
tgatcactag	acatctgttt	ccagagcttc	aacaatgtgt	gcagcagaag	gacgatcttt	240
agggtcttca	ttagtgcata	cagagaagag	ttcaattact	ttctgggtatg	attcatccag	300
ttcttccata	ttaatagggtg	gcctagttcc	caaggctgca	tagtatgctt	catcatcaaa	360
atcactttca	tcaaaagttt	tatcttcac	atcatcatca	tttgaaagat	taatgtgtgg	420
aaatccgata	aaagtcatca	tttcccacaa	agtaagggcc	aangccaaat	atgtctggcc	480
tggccagtaa	taacacccat	tcttcttcac	aggnttcttt	tgggggttnca	atggnttctg	540
ggnccaatgg	taaccaggnc	ctaanggggtc	agggtccggg	cataattttc	aatncccnng	600
gganaaaaaag	acctcctaaa	ntnccagaa	tttnaatngg	ttcna		645

&lt;210&gt; 138

&lt;211&gt; 612

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(612)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 138

ggtactcctg	gtcacttaag	atctgatact	gaacatttcta	caaatgaagt	tgggacttta	60
tgtcataaaa	ctgattttaa	taatcttgaa	atggccatta	aggaagatca	gattgcagat	120
aactttcaag	gaatatcagg	tcctaaagaa	gacagcacaa	gtataaaggt	aattcagacc	180
aggattcttt	tcttcatgag	aattcgttac	accaagaaga	gagtcaaaaa	gaaaatatgc	240
cttggtgggga	aacagcagaa	tttaaacaaa	agcaaagtgt	taacaaagga	aaacaaggaa	300
aggagcaaaa	tcaggactca	cagacagagg	cagaagagct	acgcaaactt	tggaaaaccc	360
atactatgca	acaaactaaa	cagcanaggg	aaaatattca	acaagtgtca	caaanagaag	420
ctaagcataa	aattacatct	gctgatggac	acatagaaaag	gtctgcactt	ttaaaagaaa	480
agcanaggca	tcgattacat	aagttcttgg	gtcttagagt	tgggaaaacc	aatgaggaaa	540
accgtttgga	tnntaaggcc	agggtgctacc	aatgccaccg	tntgccngag	ggttaagaaa	600
cctnaatntt	gg					612

&lt;210&gt; 139

&lt;211&gt; 592

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(592)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 139

ggtactccac	ttcttcctat	tggaagatta	acattatttta	ccaagaagga	cttaagggag	60
taagggggcgc	agattagcat	tgctcaagag	tatgtaaaaa	aaaaaaaaaa	aaaagaacca	120
aaccactgga	aataatcaaa	tgcaaaaagg	taacaaattc	ataactggaa	agcaaagaga	180

agaacaagta	tgatttggat	gataaagcat	tgttttaatg	gtgaaaactt	cacagatcac	240
taatgtttct	agaggttaac	ttcaagtggg	caagctgggg	tttttaggta	gtcagtggcc	300
tagttcctaa	agccacagta	taggatctgt	taaactgaat	gtctgttgaa	agtttggttt	360
agctgcttgg	aggtctcctt	ttaagacaaa	ctgtatgtga	ttaagttggt	tttgagggaa	420
ctgaagacct	gatgtacccc	tggccagata	actgcctgat	tctcagatat	tattctctgg	480
gaaacatcta	catacacagg	agcttaaant	ggcattatct	cttgccctaaa	ttcagagatn	540
ttttgnactt	gccggngggc	gtcnaanggc	gaatccgcac	ctggcgccgt	ac	592

<210> 140  
 <211> 618  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(618)  
 <223> n = A,T,C or G

<400> 140						
ggtnccttaca	cgtaagattt	tagcctatgg	tcattttata	aagatgactg	ttaggattta	60
attcacattt	aaagaaaatg	agattcgtta	tattatgggtg	tttttatgac	ctataaaaata	120
cttaccctta	caaatttcca	taaatgtagt	ggtagttaa	gcttttttct	tactgaaaaa	180
taatgccagg	taaccaagta	ttattccttc	catcatttat	ttaggaaaaa	gttttatgta	240
ttagggtaaa	gtggtagaag	ttaacctaga	atctaataat	ctccaatcac	ccattcctga	300
tctaataagt	agccatgaga	aaaaatctct	agaaagaatc	atacctctca	aaaaataaaa	360
tatnaaacia	aggctgggtg	cagtggctca	cacctgtaat	ctnagcactt	cccngaagtt	420
gaggtgggca	gatcgcttga	gcctagggat	atcgcttgna	gcctggggcaa	ctgtggccaa	480
accggtcttn	tacaaaaaaa	atcncnaaag	tagcccgccc	ttagggccat	accacctnga	540
gcccagggan	ggtnaagnct	accttgganc	ngtgattgga	ncctgcccng	gtggncgttc	600
gaaaagggcn	naaatnnt					618

<210> 141  
 <211> 551  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(551)  
 <223> n = A,T,C or G

<400> 141						
ggtacttcaa	actctcttaa	cggtgatgct	ctgacattca	ctactacatt	tactctgcaa	60
gatgtatcca	atgactttga	aataaatatt	gaagttttaca	gcttggtgca	aaagaaagat	120
ccctcaggcc	ttgataagaa	gaaaaaaaca	tccaagtcca	aggctattac	tccaaagcga	180
ctcctcacat	ctataaccac	aaaaagcaac	attcattctt	cagtcatggc	cagtccagga	240
ggtcttagtg	ctgtgogaac	cagcaacttc	gcccttggtg	gatcttacac	attatcattg	300
tcttcagtag	gaaatactaa	gtttgttctg	gacaaggtec	cctttttatc	ttctttggaa	360
ggtcatattt	atttaaaaa	aaaatgtcaa	gtgaattcca	gtgttgaaga	aagaggtttt	420
ctaaccatat	ttgaagatgt	tagtggtttt	ggtgcctggc	atcgaagatg	gtgtgtcttt	480
tctggaaact	ggatatctta	ttggacttaa	cccgatgatg	agaancgcaa	ggtaatttat	540
atagtacctg	c					551



<210> 142  
 <211> 601  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(601)  
 <223> n = A,T,C or G

<400> 142  
 cgagggtacat ggtctatgcc tcccaggaga cgttcgggat gaaattgtca gtgtaaaacc 60  
 agaaaaaatg catctcttct agaattgttt aaacccttac caaggaaaaa aaaggggtgt 120  
 taccaactga gatcgatcag ttcattccaat cacagatcat gaaacagtag tgttcccacc 180  
 taggagtgtt gggaagttgt gtttgtgttt caagcagaaa aactgagctc caagtgagca 240  
 cattcagctt tggaaactat attatttaaat gtgggctagc ttgttttcaa attttaaaag 300  
 tttaaaaata aaatactttg cattctaagt tgccaataaa atagaccttc aagttatttt 360  
 aatgctcttt tctcactaat aggaacttgt aattccagca gtaattttaa ggctttcaga 420  
 gagacctga gtcttctctt cagggttcaca gaaccgcgct nctttttggg tagaagtttt 480  
 ctactcagct agagagatct cctaagagga tcttttngc ctgagttgtg aangcaccnc 540  
 ngcaaacgca ttgccttcca nttggcacaa acnccggtna acggcttgtg ttaaaaaccg 600  
 c 601

<210> 143  
 <211> 515  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(515)  
 <223> n = A,T,C or G

<400> 143  
 ggtncgtaa agaatatatc ttatctggag ctccagcctca atcatgtctt aacaaaatga 60  
 caggtctnan aaaggggggag ctcaatagct caaaagtgc aagtcctttt cacagaccg 120  
 ttctcagaac acctctgagt aacgtgtttg ccagtagcta ttctcactga tgactgatg 180  
 gccctgaaga agcggatcca gtcacatagg aaaggaggct gtgttagtga aagcacatgg 240  
 aagggtgtgn tttagaaaagg tagtcaggaa aaacattcag gaatagattt atacaccatt 300  
 attgnattat ttntaaattt tcattcactc ttctgtttgg atacttttgc taattaaccg 360  
 tcctatgtta atanccacca aagctataag tccatagtca gtaaaacatt ccccttgggc 420  
 tgtctgagct aaaagcantg gcatctccgn atgtnggaca tccnagaaat agnttggtac 480  
 ctgcccnggc cgnncgttct taaggctaata ccngg 515

<210> 144  
 <211> 436  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(436)  
 <223> n = A,T,C or G

<400> 144  
 ggtaccgctc aggattccca tcccaagaca cccggtcctt aaaccgcca ctcatgggtt 60  
 ggaagggatc tatgtggtag tagaatacaa actgctcagg tccccgtct agaggacgaa 120  
 aattccaggt cactgttaga gcatcaccca caggggcaaa gctggagaaa gtgcatttta 180  
 accgagcacc tgccccatta acagcctcca gcacccggga ggtataaatt tccacagctg 240  
 ctataggcca aagagctgtg agctgtatgc caaggagaag aagcaccgca cgagtagagc 300  
 tcttgccata catgaggga acccagcctt ggccccagag accggacggg gcagaccgag 360  
 ggctccaaca ccctgccaa ggcactccgg gaggagcaag caccgcgttt tnccagagag 420  
 aggagtttga gttgag 436

<210> 145  
 <211> 441  
 <212> DNA  
 <213> Homo sapiens

<400> 145  
 ggtacatccc cactatcatc cgccgggatg acccctccat catccccatc ctctacgacc 60  
 atgagcacgc aaccttcgag gacatccttg aggagataga gaggaagctg aacgtctacc 120  
 acaagggagc caagatctgg aaaatgctga ttttctgcca gggaggtcct ggacacctct 180  
 atctcctcaa gaacaagggt gccacctttg ccaaagtgga gaaggaagag gacatgattc 240  
 acttctggaa gcggctgagc cgctgatga gcaaagtga cccagagccg aacgtcatcc 300  
 acatcatggg ctgctacatt ctggggaacc ccaatggaga gaagctgttc cagaacctca 360  
 ggaccctcat gactccttat aggtcacct tcgagtcacc cctggagctc tcagcccaag 420  
 ggaagcagat gatcgagacg t 441

<210> 146  
 <211> 624  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

<400> 146  
 acgtctcgat catctgcttc ccttgggctg agagctccag gggtgactcg aaggtgaccc 60  
 tataaggagt catgagggtc ctgaggttct ggaacagctt ctctccattg gggttcccca 120  
 gaatgtagca gcccatgatg tggatgacgt tcggctctgg gttaactttg ctcatcaggc 180  
 ggctcagccg cttccagaag tgaatcatgt cctcttcctt ctccactttg gcaaagggtg 240  
 ccaccttggt cttgaggaga tagaggtgtc caggacctcc ctggcagaaa atcagcattt 300  
 tccagatctt ggctcccttg tggtagacgt tcagcttcct ctctatctcc tcaaggatgt 360  
 cctcgaaggt tgcgtgctca tggctgtana ggatggggat gatggaagg gtcacccgc 420  
 ngatgaatag tgggggatgt accttggccg ngaacacgct taagggccaa ttccannaca 480  
 cttgccggcc gttactaaa ggatnncaac tttngnacca aacttggcnn aaacaatggg 540  
 ccnaacttgg ttccntggng aaaatggttt cccntcaa atcccccaan ttacnaccgg 600  
 aaccttaaa ggaacacctt gggg 624

<210> 147  
 <211> 599  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(599)  
 <223> n = A,T,C or G

<400> 147  
 cgaggtacaa gctttttttt tttttttttt tttttttttt cttttttttt tttttttttt 60  
 tttttttttt tttttttgaa cncanatan tttattggca tggntttgtt tnaaaaaaag 120  
 gaaaagnhnc aaanccaaaa nacanacttt gntaacaaat ncctgggggn ggctggacnt 180  
 ttttgccata tgctgngcaa anagggggat cctggccan acatccngct gattccttgg 240  
 nacaaggttg tntgcctggg cctaantgcn cttttttgaa tacttgnttg caaaccacac 300  
 nttccanttt aatttccagg ggcagntnat naccctnnat ccactgggtc cagccacgcc 360  
 cntcntttta acccttttgc anacactgga gcttgntccg tcccagntca ctgngnatg 420  
 cncttgcggn catttatgcc tgtcaaacct ctaaaaactn ttcccacctg gaagccatgg 480  
 angtagttcc taaaaaggct caacgngccg aagaacaana tgggccccgg cctggacaaa 540  
 actttttggc ngggttaaac aagttggcna ttttcccaag gnccanttgc cttnnggcc 599

<210> 148  
 <211> 609  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(609)  
 <223> n = A,T,C or G

<400> 148  
 ggtacttaag taatccaaag ctgcatactg atctgcatga attagcatca taaatgcatt 60  
 ctttttgcaa cttgcatcct tctcattcac cagaaaatca tgtatcagtt caggagcatc 120  
 aggtataaga tgttcaaaat ttctatagat ggtatagatg gccaaaacag catttcttct 180  
 aacatagctg tgtcgatgct ccaaacatgc acgaatagct ggcattaaag gttctagcaa 240  
 ttctgcttct ttcaatttgc aaagaaaacg aagagtagat cctcgaataa attcattagg 300  
 atgttgaaga tcctttctgt atgcatcaca tacaaggatc atctcatgta aaagtctccc 360  
 atctggagtt gttttaggaa caatttccca aaataaccaga agtaatttct tgatagtgtg 420  
 atcctgaaga aggtagcaca naacgaatgg atggatcatca gaaagtnacg gaagtttttc 480  
 accaattcag aatcataatg gattaccttt cttcaaagct tcagtctttg actttacttc 540  
 ttcctttttc taaaatcatt ttttaagctt aatttccaaa tgggnggggtc ttgaatccat 600  
 gggcncgtn 609

<210> 149  
 <211> 589  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 149  
 actcaggtag aaccatcatg aaaatgaccc acagtgaact tatggaaaag ttcttaacag 60

attattttaa	tgacctccag	ggtcgcaatg	atgatgacgc	cagtggcact	tgggacttct	120
atggcagctc	tgtttgtgaa	ccagatgatg	aaagtggcta	tgatgtttta	gccaaccccc	180
caggaccaga	agaccaggat	gatgatgacg	atgcctatag	cgatgtgttt	gaatttgaat	240
tttcagagac	ccccctctta	cgtgtttata	acatccaagt	atctgtggct	cagggggccac	300
gaaactggct	actgctttcg	gatgtcctta	agaaattgaa	aatgtcctcc	gcatatttcg	360
ctgcaatttt	ccaaacgtgg	aaattgtcac	cattgcagag	gcagaatttt	atcggcaggt	420
ttctgcaagt	ctcttggtct	cttcttcaaa	gacctggaac	cttcaaccct	gaaagtaagg	480
agctggtaga	tctggtagaa	ttcacgaacg	aaatcaaact	ctgctgggct	cctctgtana	540
gtgctccacc	cagtgattgg	cctagacact	ctgggagcaa	ctggccccc		589

&lt;210&gt; 150

&lt;211&gt; 353

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 150

ggtacaaaaga	aatttttgat	agcaaaaataa	aggaatcttt	acccatagat	atagatcagc	60
tatcaggaag	ggacttctgc	cattcaaaga	aaatgacagg	aagtaacact	gaggaaatag	120
actcaagaat	ccgagatgca	ggtaatgata	gtgccagcac	tgctcctagg	agcactgagg	180
agtctctttc	tgaagatgtg	ttcacagaat	cagaactttc	ccctatacga	gaggagcttg	240
tatcttcaga	tgaactgcga	caagataaat	cttctgggtg	gtcatcagaa	tctgtgcaaa	300
ctgtcaatca	ggctgaagta	gaaagtctga	cagtcaaatac	agaatctact	ggt	353

&lt;210&gt; 151

&lt;211&gt; 492

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(492)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 151

ggtacctact	ggtgctgaaa	aaaggaaaat	tccggcttga	aggaaaggag	tttagaactc	60
tgaaaaatttg	gtgacattgt	ttttccctga	aagaaatgtg	tgttggattt	aacagatgaa	120
attatctgcc	ctccaaaagt	cctttagaag	agccagtgca	aggctgaaga	ccaaagcgtc	180
aagaacacgc	cagactctca	gcttcctctg	ctttgctcct	ttgttgagga	aatgcaaatg	240
caaagagctt	cccgttaaaa	acaaggagtg	tctgagagcc	acgtgttcaa	cacgcttctc	300
ctgctgctga	ccccctctga	cctgcagagg	cagtgcagcac	ccaacagggtg	gcgccaaggc	360
gcccgtcaca	cgctcacgtc	ctctggccag	cagccacgtt	tattgaagga	gtgtggcact	420
gcccattcatt	ggatatgcc	tcggccatga	aggattccag	tggttcacgc	tgnccagtat	480
atacaaaaat	gt					492

&lt;210&gt; 152

&lt;211&gt; 597

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(597)

&lt;223&gt; n = A,T,C or G

```

<400> 152
ggtacataag cctaaacaat ttcacctagg taaaatattg atgtcataac caaactatat 60
ggccccgttt cataaagggtt actatattct atagagagtg aagagggtggc ctttctatcc 120
cagcttaccc tattcttggtt attgttcaaa ttctcctgaa gcttgcataa cttagctgcca 180
tcaggtaaat gctattggct agcagaagac tgcagttctg ttaatattag aaccagcagg 240
gggaacttgg gaacttgaca ttaaaaatct agaaacagaa ttttaggatg ggtctcgtaa 300
gaaacctgaa ttgttaatgg acttaagtaa aaaccatccc aaagaatttg agctttaagg 360
tgataaccgt cttttcagag atcatagcac atgaagaacc catggacact acacagacta 420
tgaaccggta gcagaaaaag atctcgtgac taaagtgggg gatgacagca aaaaaaaaaa 480
ttaccaaaagg aaaaaagttg agaatncagg aatattacca gatggtaaaa aatattatct 540
tangccaaat gaggcccttc ggattcccaa accttgcttc ttctcctttc gtcttgn 597

```

```

<210> 153
<211> 596
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (596)
<223> n = A,T,C or G

```

```

<400> 153
actggttgct acccattttt tcaagtctag gtgatggctg ctccctttcca acttgccttg 60
ttaaccagga tccctgaacaa gcatctactc ctgcagggtc gaattccaca gctaaaaatc 120
tcgaaaacca tcagtttctc gcaaagccat tgagagagtc ccagagccac cttcttactg 180
attctcagtc ttggacggag agcagcataa acccaggaaa atgcaaagct ggtatgagca 240
atcctgcatt aaccatggaa aatgagactt aactcttcaa gcaagataaa ttcatacttt 300
ataaaaagta caatgctgta gatggatgga agaggcttcc cacaggaagg tgccaccagt 360
cagtttgtgc ctatgtccct ttggctggaa atgcagaata tgaattgatt aagttctctt 420
ccaagccatt gcttaaaaata taacatgttt tgggatccaa tacacacatt ggtacaacta 480
acacaaattc ctattaaata ttaaaagtag ttctgggtta ttaatcaacg gggaaaacat 540
tttttccaaa aaaacttgga ataaatccan ggaccagttt tancccaata tttggg 596

```

```

<210> 154
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<400> 154
ggtacccagt ttcaaagctc tctggttttt tctaagaaat gaagcaagga taggaacccc 60
ttctcccaga acaggcctca aatctatctt caaagggtgac ccagcaatca gtgtcaatgc 120
ctttactgta gttaacctgg taatttcatt ctttagtctc tccaagaaaa tctgaagtgt 180
attaggcaag tcagaacca aattgtctcc aagggttgcaa ataatttgtc ccatacagga 240
aatagccctt tccttgactt cctgatcaat gtcagctgct ttaatctct taatgg 297

```

```

<210> 155
<211> 594
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (1)...(594)  
 <223> n = A,T,C or G

<400> 155  
 ggtacttgaa ggagaacagt ttacatcggg cgttagccac cttgcaggag gagactactg 60  
 tgtctctgaa tactgtggac agcattgaga gttttgtggc tgacattaac agtggccatt 120  
 gggatactgt gttgcaggct atacagtctc tgaaattgcc agacaaaacc ctcatcgacc 180  
 tctatgaaca ggttggtctg gaattgatag agctccgtga attgggtgct gccaggtcac 240  
 ttttgagaca gactgatccc atgatcatgt taaaacaaac acagccagag cgatatattc 300  
 atctggagaa ccttttgccc aggtcttact ttgatactcg tgaggcatac ccagatggaa 360  
 gtagcanaga aaagagaaga gcagcaattg cccaggcctt agctggcgaa gtcaagtgtg 420  
 gtgcctncat ctctgtctcat ggcattgctg ggacaaggcc tgaagtggca gcacattcag 480  
 ggattgcttc ctctgtgtat gaccatagaa tttgggttcga ggcaaggcac tgtcaaagat 540  
 gtggaagaag aaaagtgtct acacactgag caggcttata agttnngcag aaan 594

<210> 156  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<400> 156  
 acaggatgca gtttctcagc tggattctga gctgatggac ataactaagc tttatgggga 60  
 atttgctgac ccattttaac ttgcagagtg caaacttgca ataattcatt gtgccgggta 120  
 ttcagaccct atattgggtg agacactttg gcaagatata atagagaaag aattgagtga 180  
 cagtgtgaca ttgagctcct cggatagaat gcatgctctt agtctcaaga ttgttctcct 240  
 tggcaaaatt tatgctggca caccacgctt ctttccttta gattttattg tacc 294

<210> 157  
 <211> 527  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(527)  
 <223> n = A,T,C or G

<400> 157  
 ggtactgatt gtcatactga ctttggcatt ggcagctctt atattccgac gaatatactt 60  
 ggcaaacgaa tacatatttg actttgagtt ataatatggg tttgtgactt atgagctgtg 120  
 actcaactgc ttcattaaac attctgcatt ggggtataatc taagaattgt ttacaaaaag 180  
 attatattgt atttaccctt cattcctttt tttgatcctt gtaagtttag tataaatata 240  
 tctagacatt cagactgtgt ctagcagtta cgtcctgctt aaagggacta gaagtcaaa 300  
 ttcttgtct cactatttga tctgctttgc agggaaataa cttgnttttt ctcatgtttc 360  
 atcttctttt tatgtaaatt tgtaatactt tcctatatgg ccctttgaaa tttttggata 420  
 aaagatgatg gtttaagttc caatgagtat tactaggtac tcaataccac ttattggagt 480  
 cctggcceng ggcgggcgnt tcgaaanggc caaatncagc accactg 527

<210> 158  
 <211> 617  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(617)  
 <223> n = A,T,C or G

<400> 158  
 ggtactgaaa aagaggcgtg aggtgctccc tgtggatata accaccgcta aagatgcatg 60  
 tgtcaacaac agtgctctcg ggggagaagt ttatcgatta ccgcctcaga aagaggagac 120  
 acagtccctgc cctaacagtt tagaagataa caacttgcaa ttagaaaaat cagtttctat 180  
 acacacacca gtagtcagtc tctctcctca caaaaatctg cccgtggata tgcagctgaa 240  
 gaagggaaaag aaatgtgtga aactcatagg agttcccgtc gacgctgagg ccttaagtga 300  
 aagaagtggg aacaccccta actctcccag gtcagtgtcc tcttttcctc caggcagcca 360  
 gcagacctct ccattctctcc tctctcgctg catgaactgt gctgnetgnt tctttatcta 420  
 ctttcttaca attgcatgca gtataattcc tcagtttcat ctacctacct tcaacttttn 480  
 cagaacttta agaaagactt aaactgattg caangggaaa ggactcttgg aataaggcaa 540  
 tcncattaaa aagttacncc tttctgggtt catgaaaggg atntcncagt ttaccccatn 600  
 tttgaaaggt ttatnng 617

<210> 159  
 <211> 1002  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1002)  
 <223> n = A,T,C or G

<400> 159  
 ggtaccagct tacgtatttg attcagttgc tgttttctca ctctctatat ccatttgaaa 60  
 ttgatttatt ttagatgttg tatacttacg ttaggctttc tggttaatagt gggttttctc 120  
 ctgttgacag agccaccgga ttatgacaca ggatgaggaa gattaaggat aatcaattga 180  
 ctaatttcat ttagaatatt atcaaacatt tcaactaggt atcagaaaaa ggctttcctt 240  
 cataagacta ttttaaataag aaattatttc aacaattaaa gtaatgttga ccatccccc 300  
 ctcagctgaa taaagaaaaa tttagttaa tttattgcaa ttaattaca atactacct 360  
 cacaacattt tcatgtgttt taaataaata ttttttaatt ggctaaagga cattcaagca 420  
 aagaaatgct ttctttactt aaaatgtcta tctcatttgc tgctttttca ctaagccttt 480  
 actttgttaa taaaagtgtc cattgtgtga tgtttttgat tttacagttt gctaaatctt 540  
 attttcttgg agttgctttt tggtaacagc tccattgcta ctccccattt tattggttta 600  
 catcaatgca tgcttcgttg tgatccctca agatgtaaca cttggtatgc tcgngtgagg 660  
 atatgaaaaa atactttccg aaaccaggga attcagtgga tgnttggttt atctggttgg 720  
 ataagaaaag tagggncag ccttaagcag nacagaagcc nctggtanaa gcatagtcag 780  
 ggaactttt ttaattcntt tangnctaag ggncaggagt ggattnnaaa gggaggagag 840  
 cccttattat ggcctatncc ccgntttgga gaagancctt actgggaacc tggcccggcg 900  
 ggccgttcaa aagggcgaaa ttccgncacc tggngggccg gttcttaagg anccnactt 960  
 gggcccaaan nttggggaaa nnnngggcna aannngntcc cg 1002

<210> 160  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(434)  
 <223> n = A,T,C or G

<400> 160  
 ggtacaagtc atcanggtca gcattctccc actttcaagt gcactaacaa ggctgctggg 60  
 atttccactg gagtgtcaac agcagtattc ttgttgcagg aactctcaga atttgggggt 120  
 ccataacagg tttagcctat gacccagggtc caaaagttcc agccttctct gccacctcca 180  
 gagctagctt caggttcttg tcaaagagct cacacctgat aggcatttct aaggaataga 240  
 atggattctt gagggcaaaag tctgagtaaa tctcataaat ctttcggaga agagaatcta 300  
 ttccagcttg cctaggatct gctagaacca caaacttgat ccctgtcagt gtctggtagc 360  
 agtgcaattt gaatgtgtct gtctncagca tctcaatgcc tgagcttncc tgttcangag 420  
 acagntggna gcc 434

<210> 161  
 <211> 652  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(652)  
 <223> n = A,T,C or G

<400> 161  
 acagactcca aggggaagact ggggtccaaa gccacatgcc tttgttggca gcgtcaagag 60  
 tgagaagact tttgtggggg gtctctttaa ggcaaagtc gagaacagga aagctactgg 120  
 gcatagtccc ctggaactgg tgggtcactt ggaagggatg ccctttgtca tggacttgcc 180  
 cttctggaaa ttaccccagag agccaggga ggggtcagt gagectctgg agccttcttc 240  
 tctcccctcc caactcagca tcaagcaggc attttatggg aagctttcta aactccaact 300  
 gagtccacc agctttaatt attcctctag ctctcccacc tttcccaaag gccttgctgg 360  
 aagtgtggtg cagctgagcc acaaagcaaa ctttggtgcg agccacagt catcactttc 420  
 cttgcaaagt ttcactgaca gcagcacggt ggaagcatc tcgctccagt gtgcgtgcag 480  
 cctgaaagcc atgatcatgt gccaaaggctg cgggtgcgttc tgtcacgat actgtattgg 540  
 accctcaaag ctctgtgtat tgtgccttgt ggtgagataa taaattatgg ccatgggaaa 600  
 caaannanan nnnnnnnnaa aaaaaaagct tgnaccttgg ccngnaccac gc 652

<210> 162  
 <211> 638  
 <212> DNA  
 <213> Homo sapiens

<400> 162  
 ggtacttgaa gatttgcata aagccaacat tcgcaccgtc atggtcacag gtgacagtat 60  
 gttgactgct gtctctgttg ccagagattg tggaaatgatt ctacctcagg ataaagtgat 120  
 tattgctgaa gcattacctc caaaggatgg gaaagttgcc aaaataaatt ggcattatgc 180  
 agactccctc acgcagtga gtcattccatc agcaattgac ccagaggcta ttccggttaa 240  
 attggtccat gatagcttag aggatcttca aatgactcgt tatcattttg caatgaatgg 300  
 aaaatcattc tcagtgtatc tggagcattt tcaagacctt gttcctaagt tgatgttgca 360  
 tggcaccgtg tttgcccgtg tggcacctga tcagaagaca cagttgatag aagcattgca 420  
 aaatgttgat tattttgttg ggatgtgtgg tgatggcgca aatgattgtg gtgctttgaa 480  
 gagggcacac ggaggcattt ccttatcgga gctcgaagct tcagtggcat ctccctttac 540



ctctaagact cctagtatatt cctgtgtgcc aaaccttatc aggggaaggcc gtgctgcttt 600  
aataacttcc ttctgtgtgt ttaaattcat ggcattgt 638

<210> 163  
<211> 1002  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(1002)  
<223> n = A,T,C or G

<400> 163  
acatatataat atatatataa aatgaacata gttcatgctt tcagataaaa tgagtagatg 60  
tatattttaga ttaatttttt tagtcagaac ttcattgaaat ccacacccaaa ggaaaggtaa 120  
actgaaatttt cccttggaca tatgtgaaat ctttttgtct ttatagtga acaaaggccag 180  
agcatctttg tatattgcaa tatacttgaa aaaaatgaat gtattttttt ctccaaagaa 240  
cagcatgttt cactcaatgg tgaaaagggtg gaaacattta tgtaacttta tgtgtatctg 300  
tcttgatatt tactgacatt gtctatatga ggaaaatgat tactgggtcat gctcctgtga 360  
gttttttggg aaggtaggggt catttctccc tgcctgcttt gtgccaaacta gcatgttgca 420  
tctacatgca ttatgagtct ggtaggcat tactttaaac atacataaag agacagtagg 480  
acattgtggc tgagtctacc cagctcaagg taaaggagaa tattgctaatt ttttagcaa 540  
actagaccag cattattact caaactaaaa atatcacacc tgaaaaattt aatttaggac 600  
ctaaaatgtc tagattagct ttctgctttt tttatttgaa taactcattc agttgtgaat 660  
gaattcctct ttaattgggt ccacagtcac caaatgacaa ggatttgcca ctttcccccc 720  
aaatnggagt gcttgtaatt taggctctct accntnaaat cagtntaagg gaaccgtaat 780  
tatgatggat tttttccaag atgaccagct ggggtgaaaa ccatttttct ttggccaatg 840  
gcaaaactaa taagctttta aaacttcccc tttatgggga aagtttttaa actgggaaag 900  
gttangaacc naccngtggg aanccntgga agggaaaaaa anaaaggggn ccttggnccg 960  
gaacaccctt aaggggaatt cancccattg ggggcctttc nt 1002

<210> 164  
<211> 572  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(572)  
<223> n = A,T,C or G

<400> 164  
acagcatgca tttacaacca gcgctgatct agtctatttt gtcataataa cttgaataca 60  
aaaatccaat ttaataaaga ctagacttac tataatagta aacaaacaaa aacaaaaaac 120  
aaaaaaaaaa aacacacaca gtagacttag tttgatactg attaatTTta agagttaaact 180  
catcctgtcc cctcttaata ctctactgca atttattgat ggctagaata ttactgact 240  
taaaaaagggt attaaatact tgtatcatga aattacattc ttattaacaa taagacatac 300  
tgtgtaagaa aatagctcat gtgtgaaatg tgtctgaaat gcattttttc cttacaacta 360  
tcanaacatc cactcacact aaaatgaaac cactcccaac cccccctgaa aaaatgttna 420  
gggaagacng ggtgggctgg gggaggagca aggggaaggaa aagatttagc tatactaatt 480  
acagcacagt gattaacaat gggtcaggac agaaccaaca gaattnggca aaaaannngcc 540  
ctttaaacat ggntaccatt aaaaaccaac nn 572

<210> 165  
 <211> 594  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(594)  
 <223> n = A,T,C or G

<400> 165  
 ggtactggcc tcctggcaact ctgctttttc actgactggc tactgaagag caaggcagag 60  
 ctgggtggca tctcagaact ggcactctgga cctccctaac tgggccccgc tgggtcccatt 120  
 tgctcattag aatttcctct cacatcagtg ggatacagaa ttcagtttct cccttgccag 180  
 gtcccttggga tgggtgaccc ctgcctctgc agtagccttt tgtgagtctg ctaaggtagc 240  
 tctcacacac ctcggtctctg gggttgatac ctgagcctac aatagagccc tgaaatcaag 300  
 agcatagctt gagtgtgtga atatgatgtg tgcacatgct taatgagcgt gcaagtgtgc 360  
 acacgtttgt ggagaggagg gtgttctggc ctgagaaggt aaagaaggagg catgtccagt 420  
 atgcttttga ggggtgtgtt gctcttttcc atgcccagtc aaccagatt ggggtggagc 480  
 aggaaggagc tcttttctgt tcccaagcct cagaactctt gagctgtggc ttacttgctg 540  
 gcttcatcag gttcaagctn cgtgggccac actgctgctg ngccaagaag gtgt 594

<210> 166  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<400> 166  
 gcgtcgcggc cgaggtacta taatggctccc catcttaatt tgaaagcgtt tgagaatctt 60  
 ttaggacaag cactgacgaa ggcactcgaa gactccagct tcctgaaaag aagtggcagg 120  
 gacagtggct acggtgacat ctgggtgctc gaacgtggag aatttcttgc tctccaagg 180  
 caccataaga gagaagattc ctttgaaagc ttggactctt tgggctcgag gtcattgaca 240  
 agctgctcct ctgatatac gttgagagg gggcgtgaag gttttgaaag tgacacagat 300  
 tcggaattta catttaagat gcaggattat aataaagatg atatgtcgta tcgaaggatt 360  
 tcggctgttg agccaaagac tgcgttacc ttcaatcggt ttttacccaa caaaagtaga 420  
 cagccatcct atgt 434

<210> 167  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 167  
 acaaagttaa gtttagccct tttctagaaa gtgatcttta aaattaaaat tgctcctctt 60  
 ttaaattcac caaatttatg tgtgggaagg caccaaaatg attttgtaag tgccactgca 120  
 atattccctt tcaagtgtgg cctaaatttc aatcttaagg atggaatgca tgtctgctcc 180  
 ttgttctgaa aaatataggc atctactaca ttttaaaaca cagtgaaca tatacataag 240  
 cctataaaaa aagattttgtg caatttgaaa gctgttaat tttttatgta gacataccta 300  
 cacacgaaag ggttaaattc acagccttac tagttccttg cttccagtat ttcaattggg 360  
 ctccctcccct cattattatt attactacta gtacc 395

<210> 168

<211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 168

ggtacgggtat	tctaatcaat	gcatttgaaa	agtcagcaaa	agcccacatt	aattcctatt	60
acgcttggtt	cttgggttcaa	tctcagcact	ttcagcggct	cttgtgcggc	gattctgtct	120
tggaacttatt	tctgtgtctt	gaagatcgtt	tttatgtgat	gcttcccagg	cttcctcttc	180
ttctaaaaga	tctcttatga	tgtctgaact	ggaactattg	catgaatctg	attctgatga	240
agaaagaact	tcttgaatat	caatacagct	agaagaatcc	tcttctctgt	caggttccaa	300
ttcctctggg	gagtcacagct	ttgattgaga	aaagtgggtt	gttactgagg	tcatattatc	360
ttcctgtccc	atgcatacag	aagatagctt	ttctgtagat	tcatcttctt	ttgttattgt	420
tactgttttt	tgtgacattc	cagcaatttt	cttgtatcct	tttctagcct	gatccaccag	480
aagctgaaat	tactctttat	gttttttacg	atattttactg	tggatttcat	ctatttcctt	540
ttctgnttgg	tcctttgtaa	aaaccattac	actttcattg	agtttactag	cttcaagacg	600
catcctagtc	ttctctatat	tttcgatttc	tcgaactatt	tcagcagctg	atttaggatg	660
caaagcatcg	cattgggcat	tgt				683

<210> 169  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(408)  
 <223> n = A,T,C or G

<400> 169

ggtacctttc	tgaccacaat	gaaataaacc	tagaaatcaa	taacaagagg	aactttttaa	60
gcagcacaaa	taaatggaaa	ttaaaataaca	tgattctgaa	tgaccaatgg	gtaatgaaga	120
aattaagaaa	caaaatttaa	atgtcttaaa	atgagtga	acagaaacac	aacatataaa	180
aatgtatggg	atgcagcaag	agcagtttta	agaggggaagt	atttagtaat	aaacacctac	240
atcaaaaaca	agaaagatct	ggctgggcaa	gggtggctcac	acctgtaatc	ccagtgcctt	300
gggagcccaa	ggcaggagga	cgacttgatg	ctgggtcaag	accagcctgg	gccatatata	360
tagcaagacc	ttatctctaa	aaaaaaaaaa	nanaaaaaaaa	aagcttgt		408

<210> 170  
 <211> 566  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(566)  
 <223> n = A,T,C or G

<400> 170

ggtaccaaca	cagccaaaga	ctgtaagaag	gtagctgaag	tcctctgcca	aataggattg	60
aaaagctaaa	atctttctct	gtttctttct	taagtaacaa	ctggtctatt	caagctcaac	120
cagagcatat	aagagaaaaa	actgactaac	gaggggtct	taaagagctt	tgaaggacag	180
tttctagaaa	gtagaaagat	cactgagtaa	attactgcac	ctcctctacc	ccacaaaaaa	240
aaggggtgagg	atgaatgtaa	aagtgtagag	caagctttca	gacaacttca	agtttgtttt	300
tggcgcttcc	gtttgtaagc	aatcaagatg	gtgagagacg	ctatcccaaa	gaagaaagtc	360
tgtaggaacc	agagtagctg	agcccagacca	cttgtgatgc	ctttatgctt	gcacaatact	420
atggcataca	aggactctnc	cacatgaatc	agccaggcaa	gccaatatcc	attgcaaagg	480
anggtgtgat	ggnggggcac	caagtacctg	tccgggcggc	cctttaaaag	gggaaattcc	540
ccacttgggg	gcgggnttta	gggnac				566

<210> 171  
 <211> 562  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (562)  
 <223> n = A,T,C or G

<400> 171						
ggtacctttg	caagcaggtg	gccagtaaag	ctgaggagaa	tctgctcatg	gtgctgggga	60
cagacatgag	tgatcggaga	gctgcagtca	tctttgcaga	tacacttact	cttctgtttg	120
aagggattgc	ccgcattgtg	gagacccacc	agccaatagt	ggagacctat	tatgggccag	180
ggagactcta	taccctgatc	aaatatctgc	aggtggaatg	tgacagacag	gtggagaagg	240
tggtagacaa	gttcatcaag	caaagggact	accaccagca	gttccggcat	gttcagaaca	300
acctgatgag	aaattctaca	acagaaaaaa	tcgaaccaag	agaactggac	cccatcctga	360
ctgaggtcac	cctgatgaat	gcccgcagtg	agctatactt	acgcttcctc	aagaagagga	420
ttagctctga	ttttgaaggt	gggagaattc	atggccttag	angaagtaaa	gccangagcc	480
cccaaagtgc	ttggacnaac	ttctcaataa	ctggcttttg	agctgtacct	gtcccgggng	540
ggcnctttaa	aangnnnaat	tn				562

<210> 172  
 <211> 617  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (617)  
 <223> n = A,T,C or G

<400> 172						
acggtagaac	tgctattatt	catcctatgt	gggtaattga	ggagtatgct	aagattttgc	60
gtagctgggt	ttggtttaat	ccacctcaac	tgcttgctat	gatggataag	attgagagag	120
tgaggagaag	gcttacgttt	agtgagggag	agatttggtg	tatgattgag	atgggggcta	180
gtttttgtca	tgtgagaaga	agcaggccgg	atgtcagagg	ggtgccttgg	gtaacctctg	240
ggactcagaa	gtgaaagggg	gctattccta	gttttattgc	tatagccatt	atgattatta	300
atgatgagta	ttgattggta	gtattggtta	tggttcattg	tccggagagt	atattgttga	360
agaggatagc	tattagaagg	attatggatg	ccgttgcttg	cgtgaggaaa	tcttgatggc	420
agcttctggt	ggaacgangg	tttatttttt	gggtanaact	gggattaaaa	gctacatggt	480
taattctaag	gccactcagg	ntaaaaaanc	nngcgagctt	aaccctttga	aaaangnggc	540

ccccntggcc cgaaacnccc ttaaggggca attccancaa cntggngggc gttattangg 600  
gatccgactt gggcccn 617

<210> 173  
<211> 232  
<212> DNA  
<213> Homo sapiens

<400> 173  
ggtaccagat gctagctggg cctgggtgggt atccacccag acgagatgat cgtggagggg 60  
gacaggggata tcccagagaa ggaaggaaat accctttgcc accaccctca ggaagatata 120  
attggaatta agctttttgta aagctttccc aaatcctttc atcattctac agttttatgc 180  
tatttggtga aagatttctt tctcaagtag tagtttttaa taaaactaca gt 232

<210> 174  
<211> 987  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(987)  
<223> n = A,T,C or G

<400> 174  
gcgcccgang tacttcacca tcaactgactc catggacttg atcagccgcc gctggatgta 60  
tccagtctca gcagtnttga cagccgtgtc aatgagcccc tcacgacccc ccatggngtg 120  
gaaaaagaac tcagtgggtg tgaggccggc taggtaggag ttctccacaa agccacggct 180  
ctcaggcccc tagtcatcct tgatgaagtg aggcactagt ccggtgcttg aagccaaatg 240  
gaatccgctt gccctcgacg ttctgctgtc caacgacagc gatgacctgg gagatgttaa 300  
tcttggaacc tttagctccg gacacgacca tanacttgaa gttgttgtat tcanacaggg 360  
atttntgagc agaggagcca gtcttgtctc gggcatcggt aagaatgcgg ttcacctgat 420  
tctcaaactg ctgccgcaga gtgttccctg ngnggggctc cagctcattg ttgngngcct 480  
tctcgatgac ctctattacg tcttgcttgn ncttcttaat agtggtctga atgtcctggg 540  
aagncttaga atcagcantg gngtcccaan gcccatactt tgacctatag acagggaaaa 600  
acatcagcaa accccttttg acctctaata nacatggaat ggaattataa ccccagagta 660  
taancanggg caccanattc aaggaggaaa gaaanggatn gtangacagn aagaagttnn 720  
agaantcnnn nagacggctt ggaccctgnc cggcngggcg ttcaaanggc caattccann 780  
ccactgggtg ccggnacttn tggaaccgnc ttgganccaa acntggctaa aaanggcct 840  
agcnggttcc cgggcttaaa tggnatncgn tcccaattcc ncccaaatta cggcccgnaa 900  
nccttaancn aaaancccg ggggcctnan gaanggnnta acnccntta aatgggttng 960  
cncaaggcc cnntttcaan tngggan 987

<210> 175  
<211> 574  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(574)  
<223> n = A,T,C or G

```

<400> 175
actccccgcc ccctctgaaa gcatgtcaca tcatgtaaat ttgcttctaa catctgcttc      60
aaactgtctc tggactccaa atttggatgg gtcagcctct gcagaaagtt tgtgttgaga      120
tgctggaaga acagcagagc ctccctgcacc ctcagcaagg gaccagctcc caaaggaaaag      180
gtccttgtgt gacatttgga gaatcttcct tcatccagac aactctactc gaagcaagac      240
gaaagcagga tgtggcagtt gcagtggaga aggaaaggaa agatgggcag actctgcttt      300
ctggaaatct cttcacaagg tagagctcat gaactctgtg ctgtcttctg gtaacatatc      360
atcagtgttt gtattcatgg tgtggcacat ggatccatgg cattgggtaa atctggtggt      420
ttttacacat ggtcagaatg tgttcaaata catctcatga tggagacagt ncccaaggta      480
aatggttggt ttcagcattt taaaaaagac tcccttaaca tttatctcag aatcatgagc      540
ccttcttcta gttgacaatg gcaatgggtcc cccn                                     574

```

```

<210> 176
<211> 570
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G

```

```

<400> 176
ggtacagata ttcattcagg agctccagga aactggattt gctctctaga gggcagctca      60
aagggcccat tcaactcaca tccaccaaac ggcattcctg gcctccggtc acagcctcag      120
ccacggaagt cctgcagggt ttgtcagtct gtgggggtga gtgccctaac accatgaact      180
gcccactgct cccagaaaga aagaagaact tggaatatga gactcccag gtctcctgac      240
cctcttcctt cttggaatga gaccaggtga gtgctcaggg gatttctggt gttggccatg      300
gacaagcaac cagtagtggg ctacttttag ggacgcaaac cacaaagccc acctcaggaa      360
gccaaatttc aactcttgcc ctggggcaaa cttctagcaa ccaggccaga ggcaaatgtc      420
agacaggata agggatgaca tnccatcaat caaagttgna aatgggaagg gacccancca      480
gtttgnaata aaggcnttaa actnngnacc tggcccggtc ggcggttaa aggcgaattc      540
acacactggn gggccgtcta agggatccca                                     570

```

```

<210> 177
<211> 621
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

```

```

<400> 177
acagaagagg atgaagaaga ggatgaagag gaagaagaag agtcttttat gacatcaaga      60
gaaatgatcc cagaaagaaa aaatcaagaa aaagaatctg atgatgcctt aactgtgaat      120
gaagagactt ctgaggaataa taatcaaagt gaggaatctg atgtgtctca agctgagaaa      180
gatttgctac attctgaagg tagtgaaaac gaaggccctg taagtagtag ttcttctgac      240
tgccgtgaaa cagaagaatt agtaggatcc aattccagta aaactggaga gattctttca      300
gaatcatcca tggaaaatga tgacgaagcc acagaagtca ccgatgaacc aatgggaaca      360
agactaacta tttagaaaca tttaagatgc cagtatttta catacaggtt ctggnnttta      420
acactggatt aaaacttttt gngntaaata aaaaatggga ccttttaggn ttttaccag      480

```

```

gaagaaagcc aaggtttggg aaaaattaaa aggtanccct tggggccggg gaanccacgg 540
ctttaagggg ccgaaaattt ccaagnacaa ccttggccng ggcccggnta ncttaaaggg 600
ggaatnccca agaccttng g 621

```

```

<210> 178
<211> 403
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(403)
<223> n = A,T,C or G

```

```

<400> 178
actccttcct gagccgctgc aataagcttt ttgctgtgga atatgacgac agctagatac 60
tgtccctgcc acaagagctt ctgggtataa atagacaaag actctaattt ctaattgacc 120
tcttttcttt ttcaggttta tacataaatt ttcgtcacct ttataaacag cgcagacggc 180
gctatggaca aaaaangaaa aagatccact aaaaagaaag atttagatgg cttcttgcca 240
gtttgagcct aatctgattc ttacagtttt accttcttga accaatgtaa aagttttttt 300
aatgttaaat gattaaattc tcagtgaggc tatcttcctt tccccagta acattcctga 360
atttactgnt accttattgt aagtacctcg gtcgtgacca cgc 403

```

```

<210> 179
<211> 650
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G

```

```

<400> 179
cgaggtacaa gctttttttt tttttttttt tttttttttg agccaaccag ctaaaggatc 60
actgcagcta aatacagata gagaagcaac aaagccaggc aaatacccat cagagacagt 120
gacaagagca gctggggggc cgggggaggc agaaggaaga gaaagaaggg gaggagcctc 180
cagagtccca gcccccaacc cctctgccat tggctaccct tgctccccac aaatccctgg 240
ggttgaagtg aggaggacta caggctgggg tgaaaataca caaggacagc ccaacaaaat 300
acaacaagga ctagcatcag tctccccctt actccacccc caagaaaaat acccttattg 360
ngactagtat ttatgaaaaa ctgtaagaga ctattctatg tagtggctct aatcccatat 420
cacagcaact gcctgngttg ggaacttttc aaatcagtga tttgcgggaa ccaaccggat 480
tttcagcttn ttacggngca tgcagcttta ccaaaacttg ggtaaagncc agncacattt 540
accttctgct tacatntaaa aagggtgang aaagagggaa gggaaaaagg ggttaagggc 600
taggtaaact tactggtnag cagctanatt caccatgggc nttttttggg 650

```

```

<210> 180
<211> 639
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

&lt;222&gt; (1) ... (639)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 180

acatacggct	gtgcgataca	ccagcattga	attggttgga	gagatgagt	aagtcgttga	60
tcgaaatcct	cagttccttg	accctgtgtt	gggctatttg	atgaaaggcc	tgtgtgaaaa	120
gcccctggct	tctgctgcag	ccaaagccat	tcataacatt	tgctctgtct	gccgagatca	180
catggctcag	cactttaatg	gactcctgga	gattgcccgc	tccctcgatt	ccttcctgtt	240
gtctccagaa	gctgctgtgg	gcttgctaaa	agggacagca	cttgtcctag	cccgattacc	300
tttgataaag	attaccgaat	gtcttagtga	actatgttct	gttcagggtta	tggcattgaa	360
aaagctgttg	tctcaagagc	ccagcaatgg	catatcctca	gatccacagt	gttcttagat	420
cgccttgagc	tgatatttag	gcataccaat	cccattgtgg	aaaatggaca	gactcatccg	480
tgtcagaaaag	tcatacagga	aatatgggca	gtttatccga	gactctaaat	aagcaccgag	540
ctgataatcg	gattgtagag	cgtgttcaag	gtgcctgcgc	tttgtggtcc	tgngaagcna	600
angactgaac	actgtgcagc	nctagtcac	aatgngaatt			639

&lt;210&gt; 181

&lt;211&gt; 644

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (644)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 181

acaagagagg	ttccaggagg	gggtgatagg	cagaattttg	gtcccatca	ccttccctgc	60
ccagtgttat	gcctatgaat	gtgttacatt	atgtggtaaa	agggactttg	cagatgtaac	120
taaaatttct	aaaatagaga	tattatcctg	gattacctgg	gggaaccag	tgtaattaca	180
tgaaccctta	aaaatggaag	aggatgcagg	agtcagattc	aaaggaaggc	ccaagggtgct	240
attgctgact	tgaagataga	ggggccatgt	ggaaatcaag	agaagggaagt	gaatccttcc	300
agtgaagcttg	gaagagagca	ccttgaggca	cagatgagaa	gcttggcctt	acctgatgcc	360
ttgattttag	cctgggtgaga	ccccgagcat	ataaatttgc	tgtgctatgc	cacacttctc	420
acctacagaa	acttagttta	aagccactaa	gtttgtggta	atttgggtggc	tttagggccc	480
ttgagggtag	agatttatgg	cttgtgttac	aagtagaaga	gcagtggaaa	agttgggctt	540
tggttaattct	ttcaagggtg	aattgtagtt	ctgggagtcc	tatctanctt	gggntcagaa	600
cnttggtggg	cangncctgc	tggggacttc	ctggtttaac	cttg		644

&lt;210&gt; 182

&lt;211&gt; 609

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (609)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 182

ggtacagaaa	agtcagatca	aattggatat	gtagacattg	ctaaggattt	tgaactctaa	60
gggcattgat	aagctactca	agggttttta	gtaggggagt	gacttgatta	gacttattta	120
tttgttgaaa	agtctgtgtg	gctggtgtgt	ggaaaataga	atggattgaa	aagggaactca	180



agtggagcat	caagactcag	ttaaggagtt	aatctaggtt	ggaaataatt	gtagcttagg	240
cctggatgct	ggcaataggg	aaggggatgg	attcatgaaa	gaatgggata	cttgagaaga	300
aatatttctg	tgctggagaa	gtagattggg	gaagttcatg	gcataaacat	tataatggat	360
gctatgggca	tagataacat	aaacatgtag	agaaagtaaa	ggtgacctag	ggcagaagcc	420
ttaggaaccc	aaaattttaag	agtagactga	agagaaccgc	tgtagaagtg	ggaggaaanc	480
tgctcgtgtg	ggtagacaag	gagaccnttc	aaaaggatca	tcattacagt	naaaagctgg	540
caactcggcg	tcttggtgaa	agtnccctgcc	cgcggccgtc	naggnatca	gccatgcgcc	600
gtcttaggn						609

&lt;210&gt; 183

&lt;211&gt; 401

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 183

ggtactcatc	ctttgccagc	aaagatgcac	aactataact	atggtggtaa	cttacaggaa	60
aatccgagtg	gccccagcct	catgcatgga	cagacctgga	cttctcctgc	ccaaggacct	120
ggatattcac	aaggatacag	gggacatatt	agcacatcaa	ctggcagagg	cagaggcaga	180
gggttaccat	actgagtatc	tgtttttcct	caggcacatc	atttttatct	ggaaagactt	240
ttctagctgc	aattttaaggc	agcaatccaa	gagacttgaa	taataataat	tcaacaacag	300
ctttattttt	atgtggagaa	gggtcttgca	tacaatagtt	taaaaaagac	aaaaaaaaacc	360
tttgcttaaa	ttcatgctgt	tctaaaaact	agatcgattg	t		401

&lt;210&gt; 184

&lt;211&gt; 423

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 184

ggcggcgcat	ggaggtcagc	ggtgggtgctc	gctgcggttt	ggaatcactt	gctaggagtc	60
ttgtctctct	gccacccagg	acatcatggc	agctcacctg	gtaaagcgat	gcacgtgcct	120
cctgagagaa	gctgctcgtc	aggcccctgc	catggctcca	gttggccgac	tgagacttgc	180
ctgggtagcc	cataagactc	tgacttcctc	agccacctca	cccatttccc	acctcccagg	240
ttccttgatg	gagccggtgg	agaaggaacg	agcatctact	ccctacatag	agaagcaggt	300
ggaccacctc	atcaagaagg	ccacaaggcc	agaggagctc	ctggagctac	ttggtggcag	360
tcacgacttg	gacagcaatc	aagcagcaat	ggtactaccg	gcgctacaaa	gtgaagtcgt	420
acc						423

&lt;210&gt; 185

&lt;211&gt; 669

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(669)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 185

accgcgagct	tgtccccatc	ctcatattca	tccaggcaaa	tggcacagac	atcatactgg	60
tctcccttct	gatagtcatg	tgtaggaatc	tgtttcagtt	gctctttggt	aagtcgattc	120
cgctggagcc	gtttccggtg	ctggatacaa	cgagctatca	ttactgctcc	catggccaaa	180
accagcagtc	ccacaatccc	tgtgaaaggg	atgaggtaat	agcccaaggg	gaagggtattg	240

tctggaacca	gaagcaccgc	agcccccttc	tcttagacaa	agagggcacg	caggtacaaa	300
gagagaaatt	ttaaagctgg	gtgtcagggg	agacatcata	tgctggcagg	ttctgtgatg	360
ccccctaagc	ccgtaaaacc	agcaagtttt	tattagtgtat	ttccaaaagg	gggaagggag	420
tgtatgaaat	aggggtggtg	gtcacaagag	atcacatgct	tnacaaggta	ataaaaaatat	480
cacaaggcaa	aatggaggca	gggttgagaa	cacnggacca	cattgaccaa	gggcgaaatt	540
aaaaattgtg	aagtgaagtt	cnggccacgc	antgncantg	atacatctta	tcaggagaca	600
ggntttgaga	gcngaccanc	agtctggnc	aaaattaata	agtgggaaat	ttcttggcct	660
aataagccg						669

<210> 186  
 <211> 638  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (638)  
 <223> n = A,T,C or G

<400> 186						
ggtacatgtg	cgttggcatt	atggatcgat	ttttacaggt	tcagccagtt	ttccggaaga	60
agcttcaatt	agttgggatt	actgctctgc	tcttggcttc	caagtatgag	gagatgtttt	120
ctccaaatat	tgaagacttt	gtttacatca	cagacaatgc	ttataccagt	tcccaaatcc	180
gagaaatgga	aactctaatt	ttgaaagaat	tgaaatttga	gttgggtcga	cccttgccac	240
tacacttctt	aaggcgagca	tcaaaagccc	ggggagggtg	atggtgaaca	gcacgcttta	300
gccaagtatt	tgatggagct	gactctcatc	gactatgata	tgggtgcatt	atcatccttc	360
taaggtagca	gcagctgctt	cctgctgnct	canaaggctc	aggacaagga	aaatggaact	420
taaagcagca	gtattacaca	ggatnncag	agaatgaagt	attggaagca	tgacgacat	480
ggccaaaaat	gtggtgaaag	aaatgaaaac	ttacctaaat	catcgccntc	aagaataaagt	540
ntgcagcngc	aactcctgaa	natcacttga	cccttagntg	accttaaagc	ccgnaaanac	600
cttgccctccc	ccggaaggaa	ggcctaggtt	cccgggcc			638

<210> 187  
 <211> 628  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (628)  
 <223> n = A,T,C or G

<400> 187						
ggtacataga	aattcattga	ggtatataga	tactcatctg	tctaggcagt	tcccaatttt	60
ctgaagaatg	ttttacagca	aaattttcta	ttttctttta	ttaaatagtg	acacgtcaaa	120
caatgtcaca	tccaaaacac	tagtttcac	aatctctagc	agtaataata	gacttgctgt	180
aagtattgtt	ttctgatgcc	atacccttgt	catatatatt	attaaatgac	caatattatg	240
tatgaagtag	acaaaaaaat	ttactcaaac	ttcattcaaa	tcctaattgt	gataattttt	300
gttttatatt	taattataaa	ccaaaataca	tttgcathtt	taagctaatt	tgtctcaaaa	360
ttttgcttta	tatttttgga	tcagggttaa	gtcctgggga	tcccctgaat	gttattgccc	420
tcttggattg	gtttttactt	ctgagctata	ccgtcaaaag	acacataagc	ttcaaaagtc	480
aagacaaacc	tcatttgcca	taaaaatcaa	gatatagatg	tctgggtccga	aactncttga	540
aaaacatttt	aagcatcaat	atgactgggt	ccatgaactt	aagtacttct	taatgagtat	600

tctttctgaa gctgaaagaa gattgttt

628

<210> 188  
 <211> 654  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(654)  
 <223> n = A,T,C or G

<400> 188  
 cgaggtacaa ggtggactgt gcatgcctca aagaaaaccc agagtgcctt gttctaaaac 60  
 gtagttctga atccatggaa aatatcaata gtggttatga gaccagacgg aaaaaagaat 120  
 aaaaagacaa agatatttca aaagaaaaag atacacaaaa tcagaatatt actttggatt 180  
 gtgaaggaac gaccaacaaa atgaagagcc cagaaactaa acaaagaaag ctttctccac 240  
 tgagactatc agtatcaa atcaggaac cagattttat tgatgatata gaagaaaaaa 300  
 ctctatttag taatgaagta gaaatggaat cagaggagca gattgcagaa aggaaaagga 360  
 agatgacaag agaagaaaga aaaatggaag caattttgca aggcctttgc cagacttgaa 420  
 aagagagaga anagaagaga acaagctttg gaaaggatca gcacagccna aactgaagtt 480  
 aaaactgaat gtaaagatcc cagattgcag tgatgctgag ttatttanga acnagccata 540  
 gaagaaaatg ctagcagcca acccctgcc aagtaatagac taancgggga aaagttttct 600  
 cgagtaggac tacttggcag caccgtcgga gaccngactg tcacatggtt anan 654

<210> 189  
 <211> 650  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(650)  
 <223> n = A,T,C or G

<400> 189  
 ggtactttta gataattgta ttgatctttt ttcagattcc ttgtattttt aataaagtaa 60  
 tcttaataaa aactcagata ggtaaagtgt tagaaatttt aaacagctta cattgttagc 120  
 gtaaagttat cttttctttt ttctaatca gagttcttga ccctttgggt attgagttta 180  
 aaacttcaat tgaaattcaa tagtatttat tttttaaaaa aatcactaaa ctgtgcctaa 240  
 agaacataac tgccatatta atgttttggg ttatatcctc tatagtaata gaaaaacatt 300  
 taatacttgt aatgctgatg tgtaatttg ataccagttg agtagaatgt gatcaatcca 360  
 gtttacaatc tatcatgagt attattaact aaaatctatg tgcttttcaa taggaatcat 420  
 tcttctcttg ctgnaacact tgccttaact tttangaaag nggtcatttt taaactgcac 480  
 tggnaagggt gaaagttang actcttggat ttggngaccg naatctgaag ccgaatantt 540  
 aaagggagaa aaagaaacca ggtctttttg ccaaaggctg ggaacctat tcanctttgg 600  
 gnaagtaatt ggatatncca agggtgggan gacaagtctg aaaatcacng 650

<210> 190  
 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(699)  
 <223> n = A,T,C or G

<400> 190  
 accagctcta atctgtggcg tccagttttc tttctttttt tttttttctt ttttaatgtc 60  
 aaagtgaatg tctgaagttt tgtctttttt tctttgtcct ttccatctg cttcattctg 120  
 tggggataaa atacttgtgt ttaatcagaa caactggaac gcattgagga agggatggac 180  
 caaatcaata aggacatgaa agaagcagaa aagaatttga cggacctagg aaaattctgt 240  
 gggctttgtg tgtgtccctg taacaagtag gtgctgcctg cctgcctgaa gctttgattt 300  
 cccaaggccc atctccaagc cttgacaaaag ctcatcctg ccaagctcat aggcaggatg 360  
 aagcatgtgg catgcagaaa cagatcaata cccgcttcaa tgcattcatc tcatagcata 420  
 gaagatatta accaggaagt tactgggtga tgcanttaaa aaatcaaggc catacctaca 480  
 ggtggaaaagc nttcacntgt cagcnaacnt ttaattggat gaaccggttt caaccatttt 540  
 nccaaaaaag gtgtacctgg ggnaagggg gtgggcccag tggcccccac gtgggacctn 600  
 ttgaaaatga aaagggtggt tcntttccac tgggcccctt gggccttggt aaccaagncc 660  
 tcttccgcgg gggcaaggca antanccttg gcccggnan 699

<210> 191  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(378)  
 <223> n = A,T,C or G

<400> 191  
 acaaagattc cagacagact ttgttttttg gcttataaca atgtgtagat actacacaaa 60  
 gaatgaggat gtaattttca tttacaagca aaatgtgacc aaaatccctt ttcttcttaa 120  
 aattgaaaaa tgaaattctt gagaatacta attagtgcag gccaaatctt agactatttt 180  
 aaattagcca tgggttaaaca taggtgagtt aaacattgtg cctttccaaa attaaggttt 240  
 gcagttagaa acataaacat ttgataaaac ttctcaaaat taattatgag tggcttattc 300  
 atgtcccttg gattccagac acacactana aaaagtaaac gttaaagagg tgatattttg 360  
 gaaagcatcc ctagtacc 378

<210> 192  
 <211> 624  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

<400> 192  
 acagtaaaaa gtaaaacttc ctccatccca ggccctgccag catccctgat gccgactttc 60  
 tgggtgtggc ctaggggccc tcagtgtaat gtagggggtg tgagcacaga ctttgggtgcc 120  
 agtttgctag gttcgaatcc tgactccctc tttgtagctc tgtgcttcaa ttgaaatact 180  
 gtgcctcagt ttctccttta taaaggcagg gatcatgaga gtgcctgtcc cttgtgagca 240

ctatgaaagt	gtagctggt	ctttaccaga	ataaatgcat	ttctatatct	tcccatatgc	300
atTTTTgttaa	TTTTtaaagt	atttcaaaca	caaagtTTTga	aacagaaaaat	tgtgtaacat	360
taactatgaa	cttaccaccc	agaattttaca	aatgctgaca	TTTTgcaata	tttatttcgg	420
atctattttt	aaggggggga	accctgcagt	tactgcttaa	tcctctttcc	accccaacct	480
tttattttta	cacaaggagc	catagtggtc	atacttaagc	tatttttttc	agtaactnaa	540
tatatttttg	aagantcccc	tcctaggnc	tanaagcttt	gncccttttt	tttacagtgg	600
taaacctttt	ggactaaagg	gcng				624

<210> 193  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

actgctactt	ctataaacgg	acagccgtaa	gactaggcga	tcctcacttc	taccaggact	60
ctttgtggct	gcgcaaggag	ttcatgcaag	ttcgaagggtg	acctcttgtc	acactgatgg	120
atacttttcc	ttcctgatag	aagccacatt	tgtgcttttg	cagggagagt	tggccctatg	180
catgggcaaa	cagctggact	ttccaaggaa	ggttcagact	agctgtgttc	agcattcaag	240
aaggaagac	ctccctcttg	cacaattaga	gtgtcccat	cggctccag	tgcggcatcc	300
cttcttgcc	ttctacctct	gttccacccc	ctttccttcc	tttccacc		348

<210> 194  
 <211> 627  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (627)  
 <223> n = A,T,C or G

ggtaccttct	cagccagctg	cagcaaagcc	aaatggcaga	gaagcagtta	gaggaatcag	60
tcagtgaaaa	ggaacagcag	ctgctgagca	cactgaagtg	tcaggatgaa	gaacttgaga	120
aaatgcgaga	agtgtgtgag	caaaatcagc	agcttctccg	agagaatgaa	atcatcaagc	180
agaaactgac	cctcctccag	gtagccagca	gacagaaaca	tcctcctaag	gatacccttc	240
tatctccaga	ctcttctttt	gaatatgtcc	cacctaaagcc	aaaaccttct	cgtgtttaaag	300
aaaagttcct	ggagcaaagc	atggacatcg	aggatctaaa	atattgttca	gagcattctg	360
tgaatgagca	tgaggatggg	gatgggtgatg	atgatgaggg	ggatgacgag	gaatggaagc	420
caacaaaatt	agttaagggtg	tccaggaaga	acatccaagg	gtgttcctgc	aagggctggg	480
gtggaaacaa	gcatgtgggt	gcaggaagcc	aaaagtccaga	ctgtgggtgt	ggctgggtgct	540
tgtgancccc	ccaagtgtng	gacccgccgc	caaggcaagg	aaaccttggg	ccctttttaa	600
cgggcccnng	aattcccaag	gttcntt				627

<210> 195  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

ggtacaattc	cacttatcca	tactattcct	ttataaaagg	cagattttcag	gtaagcttct	60
aaatgcatgc	gtaatgtaga	ggctaattatt	ttctggcagt	ccttggttcc	tgaaatttga	120
acttcatatg	tgttttaa	ttttgtcaaa	atagtcatga	aagatatgtt	atttttgc	180

aatgaggtaa	tatatcaggg	gcggggcactc	ataagacagt	ataaatccac	ttgtcctaaac	240
ttgcatgagg	ctgtgtgcat	tgtaaaatgc	cataaagagt	tttgggtcag	tgaatatttt	300
gctgaaggaa	taacacttac	atttaactga	gcacttttct	gtaataaata	ccaaagtagg	360
tttttgtagc	tgtaaactgt	gtacctgccc	gggcccggccg	ctcga		405

<210> 196  
 <211> 658  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (658)  
 <223> n = A,T,C or G

<400> 196						
ggtgaaagga	gttaaaacgc	ccagtgggtca	ttaagtga	catcttttat	caacctgcaa	60
aagctgcagc	gttctctgcc	aggtcaaatg	ggcatgttta	gaaaataaga	gaagatggct	120
gagtatagtc	aatgaataaa	tgggtgtttc	tttagaaaat	taaacacaca	cagagtgtaa	180
gaggagagga	tacggccctc	cctgaaggat	aaagtccacc	tggacgggtgc	cctgccctcg	240
cttctcacat	taactgcccc	ggaatgtcat	gctgattggt	tcccgggaagg	gtgtttggca	300
agggggcagt	tatggagcta	cgtgtagaag	gagagaaatt	tgtgtgtggc	ttttgtaaat	360
tttgaccgat	tgcagcaatt	aaataagttg	attactgngt	tgatttaa	acttatgaaa	420
gctttcaaga	cnaaaaataa	acctttcacg	ttacccccaa	annaaaaan	tnnnnttta	480
nataaaaaaa	acttggancg	gnatgnggtt	tcttggaaaa	agtttggatg	ccatttgcna	540
aattcttcnt	tttnggtttt	aaaattgaac	ncagggnatt	ggggggancc	nttttgga	600
aancccataa	gcttgggttt	cttgnnnaaa	ctttgnaant	tngccccngg	nttaattn	658

<210> 197  
 <211> 615  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (615)  
 <223> n = A,T,C or G

<400> 197						
ggtacagaga	aagaaataaa	agatactgag	aaagaggtgg	atgacctaac	agcagagctg	60
aaaagtcttg	aggacaaagc	agcagaggtc	gtaaagaata	caaagtctgc	agaggaatcc	120
ttaccagaga	tccagaaaga	acatcgcaat	ctgcttcaag	aattaaaagt	tattcaagaa	180
aatgaacatg	ctcttcaaaa	agatgcactt	agtattaa	tgaaacttga	acaaatagat	240
ggtcacattg	ctgaacataa	ttctaaaata	aaatattggc	acaaagagat	ttcaaaaata	300
tcaactgcac	ctatagaaga	taatcctatt	gaagagattt	cggttctaag	cccagaggat	360
cttgaagcga	tcaagaatcc	agattctata	caaatacaat	gcacttttgg	aagccnggtg	420
tcatgaaatg	aaacccaacc	ttcgggccat	cgcagagtnt	aaaaaggaag	gaagaattgn	480
atttgcaccg	gtagcagaat	tggccaaaat	acttntgaag	ggaccggttt	agacaaaaaa	540
anaannntan	aaaaaaaaann	nttnacttgc	ccgngggccc	ttnaangggg	attcncccat	600
gggggccttt	tangg					615

<210> 198  
 <211> 557

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(557)  
<223> n = A,T,C or G

<400> 198  
 gggacctgca gttggtattg atcttggcac cacctactct tgtgtgggtg tttccagca 60  
 cggaaaagtc gagataattg ccaatgatca gggaaaccga accactccaa gctatgtcgc 120  
 ctttacggac actgaacggg tgatcgggtga tgccgcaaag aatcaagttg caatgaaccc 180  
 caccaacaca gtttttggatg ccaaacgtct gattggacgc agatttgatg atgctgttgt 240  
 ccagtctgat atgaaacatt ggccctttat ggtggtgaat gatgctggca ggcccaagggt 300  
 ccaagtagaa tacaaggagg agaccaaaag cttctatcca gaggagggtgt cttctatgggt 360  
 tctgacaaag atgaaggaaa ttgcagaagc ctaccttggg aagactgtta ccaatgctgt 420  
 ggtcacagtg ccagcttact ttaatgactc taacgtcagg ctaccaaaga tgctggaact 480  
 attgctggct caatgtacct nggccgcgaa cacgctaagg gcgaattnca cacacttggg 540  
 ggncgtctan tggatnc 557

<210> 199  
<211> 498  
<212> DNA  
<213> Homo sapiens

<400> 199  
 acaatgatgc ttctcacagc ttcaaagaca tgtctgaggc atcctaactg cgaatcagcc 60  
 cataaaaaaca aagaaggagt atttgaccgt atgaaagtgg cattggataa ggtcattgaa 120  
 attgtgactg actgtaaac gaatggagag actgacattt catctatcag tatttttact 180  
 ggaattaagg aattcaagat gaattattgaa gctcttcggg agaatcctta ttttcagtcc 240  
 aaagagaacc tttctgtgac attggaagtc atcttggagc gtatggagga ctttactgat 300  
 tctgcctaca ccagccatga gcacagagaa cgcactcttg aactgtcaac tcaggcgaga 360  
 atggaactgc agcagttaat ttctgtgtgg attcaagctc aaagcaagaa aacaaaaagc 420  
 atcgtgtaag aactggaact cagtattttg aaaatcagtc acagtcttaa tgaacttaag 480  
 aaagaacttc atagtacc 498

<210> 200  
<211> 615  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(615)  
<223> n = A,T,C or G

<400> 200  
 ggtaccctct cttccagcac ccaggccagt attgagatcg attctctcta tgaaggaatc 60  
 gactttctata cctccattac ccgtgcccga tttgaagaac tgaatgctga cctgttccgt 120  
 ggcaccctgg acccagtaga gaaagccctt cgagatgcc aactagacaa gtcacagatt 180  
 catgatattg tcctgggttg tggttctact cgtatcccca agattcagaa gcttctccaa 240  
 gactttctca atggaaga actgaataag agcatcaacc ctgatgaagc tgttgcttat 300  
 ggtgcagctg tccaggcagc catcttgtct ggagacaagt ctgagaatgt tcaagaattt 360

gctgctcttt	gggatgtcac	tcctcttccc	ttggtattga	aactgctggt	ggagtcatga	420
ctgncctcat	caagccgtaa	taccaccatt	cctaccaagc	agaccacaga	ccttcactac	480
ctatcttgac	aaccagtctg	gtggncttat	tcanggttat	gaagcgaccn	gccttgccaa	540
ggataccacc	tgnttggcaa	gttttaactn	caggcttcc	tctggacccc	aggngttccc	600
aaattgaagt	ccttt					615

<210> 201  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens

<400> 201						
actgcacttt	ataaaagcat	ggataaatatt	aaaggatcac	aaaaggcagc	attagcattc	60
tctatccagg	tattattaaa	tctttttatc	ccatgcccc	ctcaaata	ggagaattat	120
tatctgataa	gcctgaaacg	acttttttta	ataccataac	ctaaaaagac	acttcttaca	180
ggtgtatgca	actttggtca	gcagaaacac	aatacgagcc	tctggcctag	ctaaggcact	240
ctattctgaa	agtacc					256

<210> 202  
 <211> 584  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(584)  
 <223> n = A,T,C or G

<400> 202						
acttttcaat	ctgatccatt	atcttctcga	ctctttctgg	aggcactttc	ccacgagttt	60
gcatectttc	ggccacattg	tggtagaaat	cctgagcaca	ctctgactgt	tcttcaatgc	120
ttagatccct	tttgtaatgc	attccttcca	aaaacagctt	ggtctgttta	tagatttctt	180
ggcctgtctt	gtggaaggct	ttgagaaatt	ctatgaactc	cttagacact	ctatccgttt	240
caatgctggt	ttgccggttt	atggaaggac	tgggagcttt	tgcttcctga	atttcccttct	300
ttgatccgac	cctggaagaa	tgcactgaag	aaattcttca	ctgggggaac	cctgccgggtc	360
ttcttgntgg	gtttcttttc	ttcaaacttg	gaaaatgtna	aggattgggc	ccctgggtgg	420
gttnactggt	ngcaaaggct	ttttttcttc	cctgaggcnt	tccgcagtcc	annctctgaa	480
ttgntttgcc	tggettgnng	acctggccga	cacctanggg	aaatccacca	ctggggggccg	540
tctaagganc	cncntgggcc	aacttggggg	anntnggtan	nntt		584

<210> 203  
 <211> 608  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(608)  
 <223> n = A,T,C or G

<400> 203						
ggtactctta	tacacacctg	ttttctccaa	tggtctcctt	tagtatggct	ggtaattggt	60
ttggtgattg	ccacccctc	gagatgcctt	gccataagt	ctctgttggc	ctattttgaa	120



aacacagaat	tctcatttag	ttttctacaa	aactttcttt	acaaacacaa	actattaaat	180
ctacaaatct	ttgcatgcta	aataaaaagt	attaagatat	tttagcacc	attagatgct	240
actcataaat	catacatcct	agttcattta	taaccaccag	tctatgttag	tataatcatc	300
ctatgattgt	aacatgcctn	aaacacttaa	ctccgaacac	tttaatggaa	agcccataca	360
cacaatttca	gaacaggatt	gtatgttaac	aatgaatttt	aataccactg	ctttataaaa	420
ttaagttaaa	tattcttacc	actgnaatct	gcataatcctg	nccatatcat	aggtcccata	480
ggtataccca	ggataaacat	attcggcata	gcactatggt	ttgaacacct	ggcccggccg	540
gccggtncaa	aaggcgaatt	cancnactgg	nggccgggtnc	natggatcca	ncntcgnacc	600
aactttgg						608

<210> 204  
 <211> 621  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(621)  
 <223> n = A,T,C or G

<400> 204						
ggtacctgaa	gatccttgatt	tgctacacga	gctttctcta	gggcattata	gtaagaaact	60
gcttctttct	ctcgctcctc	tttttctct	tttaagccgt	ctacctggcg	cattaggtta	120
gtaataagaa	gttctagctg	ttcttgctg	tattgtagtt	cattcacttc	ttctttgagg	180
gtggctctca	tactctccat	ttctgtcagc	tcaatttgaa	gagccagcat	ctctgaagac	240
atgctttcct	gcacacgttc	agacattacg	cgcagttcct	ctgatttaca	agagaggagt	300
tctttctgat	gatctacttg	gtgcttcagc	tgcttttcac	taagcctggc	ttcatcta	360
tccactttca	gtttttctat	cttaagtttt	taagttcatt	cacttctctg	catggcttct	420
gcttagttgt	cttccnattt	cttcaggtgc	atTTTTTggt	ggtggttaat	agcttcacat	480
tcgcaagctc	aaactttcta	acattcgact	cttgagttca	acttctcttt	tgaangggat	540
attttcntgg	tcataactct	tangcatngg	gcataattct	taccacatta	tccaatggat	600
ccggaattca	ntttgccctn	t				621

<210> 205  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(607)  
 <223> n = A,T,C or G

<400> 205						
ggtaccacct	atcataggta	ttaccacaca	atttcatgca	tggtggcata	ttttaactgg	60
ccttggttcc	tatcttcaca	tccttttcag	tttgatata	agaacacttt	acctgagata	120
taggccaaaa	gtgaagtttc	tctttggaat	ctggccagtg	atcctgtttg	agcctctcag	180
gaagcattga	tgaatcattc	caccaagaaa	acaaacaagc	acctaccata	gacctggcag	240
aataaataag	gaaatcetta	aagatctaca	agttcaaata	tgtcatgacc	atcacagcag	300
aggagtgact	ttctgactaa	tgctgccacc	cacacagaga	ataaggagta	gggcctgctg	360
ggtgttttag	tcatggcttt	atcttatttg	ccccctctc	tttcacgctc	cagtttataa	420
aagaaacaga	gatgatgtgt	gtgtatgcct	caaaaatgcag	aaacagggtg	gctttttctta	480
acanggtnac	agtttgtgct	gggtataaga	aaataaccct	ctttcttttn	gccaaaggtg	540

catgtgaatt atcccttctt aanattgggt aaataagcan tnncttanag cccccaaanc 600  
nctntnn 607

<210> 206  
<211> 572  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc feature  
<222> (1)...(572)  
<223> n = A,T,C or G

<400> 206  
acgcgtgacg tcactcacat agcaggaaga ctcacaacct ccatccagaa gcaccatttc 60  
cccctccttg atgagttgat tatttttcac atagtgc aaa gtgtttgacc gattaccacc 120  
agccaccaca ggtggatagg ctaaaatgtc tgcgccacga gcccggcatt caaattcaaa 180  
cttagcataa agaaaggctt cttccacagg ggccttactg gtgaacatgg tttctatgaa 240  
agcctgtgat gtcagcttcc cagcaatctg cattcggttca atttctgcag gagacttgat 300  
cagccggagg cgctgtatca gctgctgaac accccgaacc ttgttcttgc tcttggtttt 360  
ggcctcagtc aggggctgca tatagtcaga gtgaagctgt gcatgtgagg gccttatcca 420  
ggtcatacca aaccatgttc gtctcagctt tcattttttg gtagaagatg ttgaaattct 480  
tctagcgtat aggcttcgtc tactccagtt agagctattg gttccatcag tgccagantc 540  
ngggaccatt ccaaaagggt tnnactnngg ag 572

<210> 207  
<211> 616  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc feature  
<222> (1)...(616)  
<223> n = A,T,C or G

<400> 207  
ggtacctgtc ccatttctaa aaggatttgt gggtaatgct ggcacttggt ggccaggaga 60  
atcttctgac cccactctcc ctccctcttca gtcctgaaga cccaagaac ccagtttagga 120  
tcccctggcc agaggtctct gtgactgcct ctggactcag cacgtgcagc agcttgggag 180  
gatttgagcc agtctcaaaa acttttagcc ccagaatgag accagtgcac ccaagcagga 240  
gggctgggat ctggagggaa gagagggggt ccaaggggac cctgtggctg aggccatgga 300  
gaaccagtgc cagggcccaa gagaccatt tttccagtta tcagagggtga ctgacatctt 360  
ctgccactgc cttgagttca gaaatttaaa aaagcttgca gcaagaaaat gccagtgtgc 420  
aactgggtga ctaaagacca aagaaaaaca gttaaaaggg acagcttact tgctctctgt 480  
ctcangttta acttctcacc tgaaatctct nataccctaa ttaacacaac caaagtctct 540  
ttcatagata ggctactttt aagtttnact gcttctgtgg tgggctttgg gggcttttgg 600  
agtgggaatt ttttgg 616

<210> 208  
<211> 614  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(614)  
 <223> n = A,T,C or G

<400> 208  
 acacaacgtc atgagggttat tcgaaccaca gcgtcttcag aactttcaga gaaaccagct 60  
 gagtctgtca cttctaaaaa gacaggaccc cttagtcccc agccctctgt tgaaaaagag 120  
 aacttggcaa tagaaagtca atcgaaaact cagaaaaaag ggaagatgtc tcatgacaaa 180  
 aggaagaaat caagaagtaa agccataggc tcagatactt ctgacattgt gcacatttgg 240  
 tgtccagaag gaatgaaaac cagtgcacatc aaggagttga atattgtttt gcctgaattt 300  
 gagaaaaccc acctagagca tcaacaaaga atagaatcta aagtttgtaa ggcagccatc 360  
 gccacatttt atgttaattgt taaagaacaa ttcatacaaaa tgcttaaaga aagccagatg 420  
 ttgacaaatc tgaaaaggaa gaatgctaag atgattttcag atatcgaaaa gaaaaggcag 480  
 cgtatgattg aagtccagga tgaactgctt cggntagagc cacagctgaa acaactncca 540  
 acaaaatatg atgaacttaa agagagaaaag tctttccttt ggaaagcaca tattttcttat 600  
 ctaattttaa canc 614

<210> 209  
 <211> 610  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(610)  
 <223> n = A,T,C or G

<400> 209  
 aactgtttt gatggaagag gacattgtgg acacgaagta actggagatg gccttcagaa 60  
 tcagctgagc tgctgtctgc tttggaaaac cgttcctgcc gctgccgatg gatggaaatg 120  
 caatggattt cagcttctta tcatcagcca gggccaagca gtttttctact gtcttttcca 180  
 gaagtcttct acacttgtct gcaccccaaa ctggactatt acagtggatc acaaacttgg 240  
 caggcaggcc atggcctgcg ctgacagcag ctccagctac ttccaagggc ccgttctttt 300  
 tccggagttc caggacagct tccacaaact ccttgccacc tttcttctcc agcgtgtttc 360  
 ctaggtcatc tttaaggtca atgtcagcat tggtaggatt gattatggcc tncacctcaa 420  
 aagcccggtt aaatactgat ttcactgnga ataanggtca actttttgggc canggaaaag 480  
 ctcttttggtg gaaaaggact gtgaaaaccn tnggcaagng ggccctcggg tgggcttttn 540  
 gggcttgntg genttaaggg antnancngn gttttnggaa ttccggncct tttttggccc 600  
 cnggttttta 610

<210> 210  
 <211> 589  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 210  
 ggtaccagc tctaattact ggccgtagca gcatattgct taagaatttt gtagaactta 60

tttctcatca	gcagctgtcc	aaaggactga	taaatagaga	cagatcccag	tcctggatac	120
tttctgtaaa	tcctaatacgg	agactcactt	ctcagcaatg	gaggctgaaa	gtcttagtga	180
gactcagtaa	attccttcag	gccttggcag	atggatccag	taggttgaga	gaaagtgaag	240
gacttcagga	acagaaaagaa	aatcccatg	ccactagcaa	ctccattttt	atcaactgga	300
aggaacatgc	caacgaccag	caacacatcc	aggtttatga	aaatgggggt	tcacagccaa	360
atgtcagttc	acagttcagg	ctacgggtatc	tgggtggagg	actgagtggt	gtggatgaag	420
gcctgncatc	tactgaaacc	tgaaaggatt	attgngataa	taattccttg	ntnaatgaat	480
gctggttgaa	ctgtacctgg	ccggccggcc	cttaaaggnc	aattcngcca	cttggggggc	540
gactaaggga	nccncttggg	ccancntggg	gnaacanggc	aannttgn		589

<210> 211  
 <211> 590  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

<400> 211						
acgaactgta	gcatcagcta	caactgccat	tgaaattcgt	aggcaatcca	gtagttatga	60
tgattcctgg	aaaataacag	atgaacaaag	acagtattat	gtaaatcagt	ttaaaaccat	120
tcagcctgat	ctaaacggat	ttattccagg	atctgcagct	aaagagtttt	ttacaaaatc	180
aaaacttcct	attcttgaac	tttctcatat	ttgggaactc	tcagactttg	ataaagatgg	240
tgcatcgaca	ctggatgagt	tttgtgctgc	ttttcatctg	gtggttgcta	ggaagaatgg	300
ctatgattta	ccagaaaaac	ttcctgaaag	cttaatgccc	aaactgattg	atttggaaga	360
ttcagcagat	gttggggatc	agccaggtga	ggtaggttat	tcaggctctt	ctgctgaact	420
cctncaagca	agtcccacgc	atgccattac	ttaaccgcac	ttggngctgac	tgaatcaaac	480
cntgaccatg	ggaaacatta	nngacgcttt	ttaagctaca	aantttggnc	ccattgggtt	540
taaatattggc	ccnattgnac	cggaaccgga	ntgggnattc	cgnnccattn		590

<210> 212  
 <211> 614  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(614)  
 <223> n = A,T,C or G

<400> 212						
ggtacattcc	attactaaat	gccacataac	tgtttggata	acataagaag	agtgggtcat	60
tatatgatac	caattagaag	atattagggg	tggtggaggc	agtaatttct	gggataagaa	120
ctataattta	cagaataacc	agacatcatc	tgatctgggtg	aaacctgtgc	attcccacaa	180
ttaggctttt	tcacactttc	tctctttaa	tgtgcaacac	cttccccatc	ccctctttac	240
ttgtagcaag	ttgattttgc	ttcttatatc	ccgagaaaagc	aactaccacc	aaatctacca	300
gtcaactcat	ctatatattga	acttaaagat	ctttatgtta	gaatgggaatc	tatccatggt	360
ccagcttagg	cgaagccctt	ctgaagatat	ccattccttc	cttccctcatc	aaattttcct	420
tcttgactag	gattaaaaaa	attcaaccag	taggcataat	ccgaaccttt	ggngtcataa	480
tgaaaaggat	agttaataag	gctcatcaat	tgggccgnaa	ttttgntttg	ggtcaagngt	540
tggccaaagc	nncnnaaang	gccccanttt	tgggtaaaaan	tttttnaggg	gttaaaancc	600

anggggntnc annn

614

<210> 213  
 <211> 624  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

<400> 213  
 ggtacctctc ttgtcatcaa attttgccca gttattttaat gttggattcc tcaaggctca 60  
 gtcagcacct tttaagccac tctaaactcc cactaatgga taagctcatt tacttccaag 120  
 gcttcaatgg tcacaatata aactgctgg ctctccaact tatttttcta taaaataaaa 180  
 aataataaag gaacaacgta tttttctatt caagactttt tatctgagct tcagatacat 240  
 atatccaatt gcttacttga catctccact tagaggccag aggcatttaa actcaatacg 300  
 tcttaattca atctcatgat cttccctctg aaatctaate tctactctt ccctatctta 360  
 atgaaagaca acaccatccg tccctttaca ttaagtgcct cagcttatcc ctacatctat 420  
 ctcatcacta aagaacaggt attttcacc ttttgagtat cattcaaag ctttctactt 480  
 cttttccatt cntactggta cccccctang ggnaagntat taactttttc ctacctacng 540  
 ncccttttgn ancccttcca tcaantnttc cnaattgnga nggtnaattt tttnnaacccc 600  
 aanntggnga tacnnngtgg gnng 624

<210> 214  
 <211> 612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

<400> 214  
 ggtacaagtc tgtaataacc ctatgtggtt tcattaggat aactttttac ctatccttga 60  
 ggtcatccat attcttacag gccttccagt caataatgga agagctcact ctatacaaaa 120  
 ccaatatgca aggcattgtt ttgtccaagc aattggatgt gtgcagtagc caatttcatt 180  
 tactgcatta ctctttggcc tgggaaccct gtggtctgca ctacatgtga atggccttcc 240  
 acttcagtct taggcagatt tgacctttta ggggcagcaa tgctgaagga cacagcaatt 300  
 taaattataa tgtgtcagge tgtgttttca cttcaaacat gtatgagtag tcagctgtaa 360  
 ttagagaaat gatgacttcc taagagttca gccacgcata attctagatt tcaagagcat 420  
 ctaagacttg tggattacct catggcatga gagtttcaga ctcagccntn tgagccagtc 480  
 nagggaaagt ggagtctgca acgcaaataa aaacctggct ttggggccaa nggacttggc 540  
 tttaaatggg ccccttngg cctgggnttt cctcttttgg cnaaantttt ngtnnccaan 600  
 gaaagtaatn ag 612

<210> 215  
 <211> 618  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(618)  
 <223> n = A,T,C or G

<400> 215  
 ggtactcggg aggctgatgc agcagaattg cttgaaccca agaggcggag gttgcagtga 60  
 gctgagaacg tgccattgca ctccagcctg ggcaagagag cgagactcca tctcaaaaaa 120  
 aaggtgagaa agataggtgt gaacatgagg tggcaggtgt gaagatagga aaggcaggct 180  
 caccctgat gacatgcagt tagagagacg ggggcttccc ttctactttg gagagtaaag 240  
 agaaggctct gaggtatcaa cagcctgggc tgttgggaaa aggacaaaga atctgtgttt 300  
 cctgaacgcc aagaggaagt ctctttggtt gctgtgggct aactggtctc ctccagttcc 360  
 aagaggtcat ccacatatcc cacaacttct ccctcatcat catccattat attttcctta 420  
 nccaaagtca tacaagcttc ntctggagtg gtggncacat ttaagaactg aactgnttta 480  
 agnctgggct ggaantgctc attcnaaggg ccccantggn cctnngggan ctngccngcc 540  
 ggcccnttaa aggcgaattc cancanntgg gggccggttt tangggancc aacttgggnc 600  
 caacttggng aaatatgg 618

<210> 216  
 <211> 595  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(595)  
 <223> n = A,T,C or G

<400> 216  
 ggtactccca ttcagggtga cgaagtgggc agaactggga gccatcttgc ccagcccctt 60  
 ggtgctatgt ttaccttgaa gcaatccttc ggccttagga ttggcctcta gtagttcatt 120  
 acactgacct agagctacct ctgataagag cagcagtcct gtattcttta ggcgagaggc 180  
 aaagcagtaa ttggcactct tggaagacat gtcagcaaaag tagattcctt tcccaaacat 240  
 gtaacctgtg atgggagctt cagggtggggc aattcgaagc ccatggctca agattcccac 300  
 ccagttactc atcctggaac catgccatag aagcatcctg ttatgaagggt cctctctgaa 360  
 ggcttctttc tcaccatcct tctcacttca aacaaatcca gcaagggtcat ggtataagtc 420  
 gctgtgtgtg ggaancatgg gtagaatgga aggtacctgg cccggccggc cnttcaaaag 480  
 ggccaaattc cagcacaatt ggnnggccgt tactaaggga tnccaacctt gggncccaaa 540  
 cnttggngga atcatgggccc naaactngtt ccctggnggn aaattgnaan cccnn 595

<210> 217  
 <211> 610  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(610)  
 <223> n = A,T,C or G

<400> 217  
 actgaaaact ttttttaaaa aaggtgatga tgaagtgcac tctgtagcag cagcgcagct 60  
 atgcttttaa ccacacaaaa ggctgtgtcc aggtgcagcc tccttcaccc ttctgccc 120

cggtgaggat	tgaataacca	ggacttgggg	atattgtttg	ttgtcagggt	tattctgtgt	180
ggtaaggaat	atgtgtttca	catttatata	ttttcttttt	ccactcacgt	aagtttctat	240
cttgagagca	tagtccaaag	tgcaaaactt	ggtgtttaca	aggaaaattg	tcttccagaa	300
ctccactgtc	atcactttca	ccaaagtggg	agtttgcatt	aatatgctca	gaatctaata	360
ttcaatgttc	tgttacattg	taagtgaagt	ccagctcaaa	atagatttaa	tatattgaat	420
ttatttgnac	cntnggcecg	gaacacgcct	aagggcgaaa	ttncagcacc	actggccggg	480
cggttcctaa	ngggattccc	aaactntggg	nnccanactt	nggcgnnaan	cnatngggcc	540
taaaacttgg	tttcccctng	nngaaaattg	ggttatnccg	gttacaaatt	ttccnncnaa	600
atttccgggg						610

<210> 218  
 <211> 585  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(585)  
 <223> n = A,T,C or G

<400> 218						
ggtacaattt	gtaaatat	caaaggtcta	ggagtcataa	ctttttgttt	tcatactgaa	60
aatgatgttg	atcagagaaa	ccaactgttt	tgcttttcat	tgctctgtga	gaaatttgag	120
gattctgttt	tgctgttagg	taagctaaac	tcagaaattg	aaaaggaaaa	gactggataa	180
acacaggatt	ttcagtaaga	aaacaacccc	agtcttgtct	tagaagccac	ttgttgagga	240
gtctgttggg	ggaaaaaaga	ggatatgctt	ttaaaggtag	aacaaacctt	cttctgtgtt	300
aaatcaaaaag	gatgttcaaa	atccaccagg	acagatgcta	cttgggttta	aatggagcca	360
tagatgatac	aaagtcctct	tggggctgaa	aatcacttcc	tatttgcatt	gctttactaa	420
ctggtttctg	ttttccatta	tctttttcac	agaaagtntt	tggtcaagat	tttttccagc	480
ctttnaaatt	gaaaccggtc	agtantttga	cccctgnttg	gntatttntt	ccagnaattn	540
aaattgnatt	cnctggntcc	aaaggcnnta	attccccctc	cttng		585

<210> 219  
 <211> 599  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(599)  
 <223> n = A,T,C or G

<400> 219						
acaggtcaca	gacccataca	tcctactgtg	gcttgtgtct	ctttttccga	ggcacatcct	60
caaccttgga	aaaataaaact	tttaaattga	ttgagacttg	cctcagtgat	tttcttttgg	120
gtatactctg	tatcacttga	atactttcca	agtgaagaca	tgctttataa	tccagagtat	180
ggactgtttt	ggccagatgt	tttctatata	ctggaaagaa	atgtgtattc	tgctgttgtt	240
gaatggcatg	ttctataaat	ctcaattaca	tcaagttggg	tgatagtctt	gatgtcttct	300
atatctctgt	ggattttcca	tttgttctag	tgattattga	gagaaaggta	ttgatataat	360
tgccctataat	tctggattta	tctacttctc	tttggagatt	tctccatttt	tgcttcatgt	420
atthttggaag	cccctacttc	acccagcatn	ggncctttct	gagccccctc	caagaagtaa	480
tttttaaccac	ccangnccca	tccaaccctc	aaccccaang	gnnaaccaac	cgngggcang	540
tnanttgggc	ctaaccnggg	gaacccattg	ggggnccctn	gggnattagg	ganaccnng	599

<210> 220  
 <211> 602  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(602)  
 <223> n = A,T,C or G

```

<400> 220
ggtacccatt taatataact atgatgcact taaattgaag ctatgccaca ggatagaaaa 60
tgaattacaa cttaaataca tggtggaagt gtaacactgt ttttcaaggt ttaaaaaaat 120
tcctaattgtc ttttagcctt ctttaatat ttttaggtaag gaaagtatgt ttggattttt 180
tcctctttgt aggtatatga gattgaaatg tgaagtattt ggacaacaaa cgtcaagcaa 240
tggaagacca ttttgatttc ttgagtaatc ttgtaagcat taagtgaatg acaaagtagt 300
agtgtaaact atttcttatg gtataacttc agtcaattaa tataaggata gtttttgttg 360
tatgtacact aagtggtaat ataatngcca ttgaantata ctaatcttcc tcttaanaga 420
ctattcnnct nttaattgnt tcctaattggg aacantntng gcctaaccn gaaaaagggg 480
ganaaaggat tncctgccc nggcgggcn tttccaaagg ggcanatttn cgnnacacct 540
ggnngcccg tntctannng aatccnannn tgggtccaan anttgggggg aatcttnggc 602
nn

```

<210> 221  
 <211> 573  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(573)  
 <223> n = A,T,C or G

```

<400> 221
acctaataaa aagatctcca agaggtttgt ctcattctcc ttgggctgta aaaaagatta 60
atcctatatg taatgatcat tatcgaagtg tgtatcaaaa gagactaatg gatgaagcta 120
agattttgaa aagccttcat catccaaaca ttgttggtta tcgtactttt actgaagcca 180
atgatggcag tctgtgtcct gctatggaat atggagggtga aaagtctcta aatgacttaa 240
tagaagaacg atataaagcc agccaagatc cttttccagc agccataatt ttaaaagttg 300
ctttgaatat ggcaagaggg tttaaagtatc tgcaccaaga aaagaaactg cttcatggag 360
acataaagtc ttcaaagtgt gtaattaaag gcgattttga aacaattaaa atctgtgatg 420
tanggagtct ctctaccact ggatgaaaat atgactggga ctgcccttga ggcttggtac 480
cnttggcncc aancctttg gaaccccaaa aactntggaa gagaannngg gttttcctgn 540
caggcaacat attgcctttg gcctnctttg ggg 573

```

<210> 222  
 <211> 168  
 <212> DNA  
 <213> Homo sapiens

```

<400> 222
ccaccatctt ggaacgggag gcgagcaga gtcgactggg agcgaccgag cgggccgccg 60

```



ccgcccgcacat gaaccccgaa tatgactacc tgtttaagct gcttttgatt ggcgactcag 120  
 gcgtggggcaa gtcctgcctg ctctgcggt ttgctgatga cacgtacc 168

<210> 223  
 <211> 564  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(564)  
 <223> n = A,T,C or G

<400> 223  
 actgcagaca aaatctgctt ttagaggcaa gcggatttct gacaaagtaa ctgacccctt 60  
 ggatggcata aattcacttt ggggactagc cttattcttc ctctgaggtc cttcgcttct 120  
 caattttattc aattcatcaa tcaaaagtgt tctcttccca gttgcaatta gaagaagtct 180  
 ttctgcttca gcttcttcta ggggcccttt tccatgttct tcatcaacac agcagtttaag 240  
 agcctggcta gcttgataga tcaactgtctg ttgcatattt atttcgttat tgagttcctg 300  
 cattttctgt ttgatattaa cttgacaagg aaaggcatta ttttttcat ccagttttga 360  
 agtaacatct tccttccgaa caatcacctg ctttattgat ggacgttctg tttctttgaa 420  
 tctttgagat ctatatgcat caatgctgta aagaagatca cgatcttcag aaccaaggct 480  
 atcacnagat tcaggtcgag ggacacgaag ttcttngaa tttcctgggt ttggactttc 540  
 atcacttctg ctgngcttt caan 564

<210> 224  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<400> 224  
 acaaggctgg cggttgttgg gggacggttg agccttggga gggagggtca gggctctggac 60  
 aggagccgcg gccgccagat gggaaagaac acgtgggagc agtaatgtca agtgacactt 120  
 aaacccttag acgcccattc gttataacgc gaggaaatct aatcccacgt ccctaacggt 180  
 cttcgggaagc gaagcagtgat caacagtccc tggtaaacac aagtagtatt acaagtcggg 240  
 agctcttcaa gtcttgatg agactgtaga gcggacc 277

<210> 225  
 <211> 589  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 225  
 ggtacctgga ggctcaacgg cagaagcttc accacaaaag cgaaatgggc acaccacagg 60  
 gagaaaactg gttgtcctgg atgtttgaaa agttggctgt tgtcatgggtg tggtacttca 120  
 tcctatctat cattaactcc atggcacaaa gttatgccaa acgaatccag cagcgggtga 180  
 actcagagga gaaaactaaa taagtagaga aagttttaaa ctgcagaaat tggagtggat 240  
 gggttctgcc ttaaattggg aggactccaa gccgggaagg aaaattccct tttccaacct 300

gtatcaattt	ttacaacttt	tttcctgaaa	gcagtttagt	ccatactttg	cactgacata	360
cttttttcct	ctgtgctaag	gtaaggatc	caccctcgat	gcaatccacc	ttgggttttc	420
ttanggtgga	atgtgatggt	cagcaacaaa	cttgcaacaa	gactgggcct	ttgggttgga	480
cttttnaaaa	ggcncnttg	atcccatttg	agnaattncn	cccggcccaa	aaaaaggtcc	540
taangttggt	aaaatttgca	agctttttta	ggtttgcccc	aagnatgnt		589

<210> 226  
 <211> 636  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(636)  
 <223> n = A,T,C or G

<400> 226						
ggtcaagaag	catgccacct	ccacaactcc	tacctggacc	tccagcgcag	gtatgggaga	60
ccctcgatgt	gcagagcctt	cccctgggag	aaggagctga	aagacaaaca	ccccagcttg	120
ttccaggcat	tgtctggagat	ggatctgctg	accgtgccaa	ggaaccacaaa	tgaatctgta	180
tcagaaatcg	gtgggaagat	at ttgagaag	gctgtaaaga	gactctctag	cattgatggt	240
cttcacccaaa	ttagctctat	cgtccctttt	ctgacggatt	ccagctgctg	tggataccat	300
aaagcatcct	actaccttgc	agtcttttat	gagactggat	taaatgttcc	tcgggatcag	360
ctgcagggggc	atgttgnata	agtttggttg	gaggccnngg	ggagtggagaa	gctgcttcaa	420
tgaatcttgg	gtataaacac	taccaaggta	ttgacaacta	ccccctggac	ttgggaactg	480
ncgtatgcct	actacagcaa	ccntggccnc	caagaaaccc	cttggaccag	cacacacttg	540
gaaggngaag	caggcctttt	gttgaaacca	tttgacttaa	aggattgttg	gaaatcttca	600
nggnaccttg	cccggcgggc	cctttnaaaa	ggggna			636

<210> 227  
 <211> 451  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(451)  
 <223> n = A,T,C or G

<400> 227						
acccaaaaac	caccccccaac	gccccccaac	cctcaggcgt	gcctgtgagt	gtgtctgtgt	60
gtctcactct	gactcaccca	gacaactgac	ttcagcagcc	aaccttggtc	attcccagaa	120
ccaccactgg	ggggcatacg	tgtggctaga	ctggggggcg	ccgaatatct	gtctctacaa	180
aaagtaaaaa	aaaaattaat	gggggtgtggt	ggtgggtgct	gcctgtggta	tcagctgctt	240
gggacgctgg	ggcangagga	tcacttgagc	ccgagaattc	aaggctacag	tgagttaaga	300
ttacgccact	gcactccatc	ctgggtgaca	gagcaagacc	ttgtctcaag	aaaaaatttt	360
taaatgagta	aaattcaaaa	aaaanaanaa	aaanaaaagc	ttgacacctg	aaacatgggt	420
tactgcatat	ggnacctngg	cngagacacg	c			451

<210> 228  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

```

<400> 228
gggtcccttat atggcagaat cttgcaggca gcatgtcgag tttgatatgc tgggtgaagaa      60
tagaacccaa ggaatcattc ctttggcccc catatctaaa tcattgtgga cttgctcagt      120
agaatcttcc atggaatatt gtagaataat gtatgatata tttcctttca aaaagctggt      180
gaattttatt gtgagtact ctggagcaca tgttttaaat tcttggactc aagaagacca      240
aaatttacag gggctaattg cagcattagc cgctgttggg cctcctaata ctcgggcaga      300
tccagagtgc tgcagtattc tgcattggcct tgttgcacag tggaaactct ctgcaaaatt      360
actgaatacc aacatgagggc tcgtacctgc cccggggccgg ccgctcga      408

```

```

<210> 229
<211> 270
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (270)
<223> n = A,T,C or G

```

```

<400> 229
gggtacacagc agcatcaaaa aggctattta caagagattt tcttcaacag aatccacttg      60
aaagcactga gaatttgcac cttagctaag agcagtttac caaggaacag ggccatctaa      120
gtgcctaact agcatttaaa gttgtcaagg ggtggggatg tgcaaattaa gcagcaaaaag      180
attattatct tgtntgctt taagggaag taatantggt cagagggggc agttccaagg      240
gctggtccaa gggggggccgc tggcttgggt      270

```

```

<210> 230
<211> 425
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (425)
<223> n = A,T,C or G

```

```

<400> 230
gggtacattat ccaatttcag ggaaaaaaaaa tacagttttc ttaccaaatt atccagtgtg      60
tatgactggg tagaatttta agttttgatt tttactgaaa ttcagagtat gaaatgcaaa      120
cattcaggat aaaatgaatt cataattaca cacagttata tcaacttgca acaaagcagc      180
aaatatgagg gcctaacaca catctcgact ctcccccttc cttctgatcc ctcaaaaaaa      240
agtgcaaaat caaagagtca ctgcttggtc caaaaaataa aatacattgt gtataaacat      300
ttgaaatctg atggaatcca gcttctattc cacagggtgt cttcagtaag aatcaacgtc      360
cgaagatgga actcagttcc agaagaatta attctacaat ctgattctgg tcttgccggg      420
cggncc      425

```

```

<210> 231
<211> 639
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (1)...(639)  
 <223> n = A,T,C or G

<400> 231  
 gcgtgggttcg cggccgaggt actccaagaa gtctgtctgc cattgatagg gctggagcag 60  
 aggtgaagag tagaacaacg cttttcagaa agattggaga ctttagaagc ttggagaaga 120  
 tttcacggga agtcaaatac attacgatta tcgggtggggg cttccttggt agcgaactgg 180  
 cctgtgctct tggcagaaaag gctcagacct tgggcacaga agtgattcaa ctcttccccg 240  
 agaaaggaaa tatgggaaaag atcctccccg aatacctcag caactggacc atggaaaaag 300  
 tcagacgaga ggggggttaag gtgatgcccc atgctattgt gcaatccgtt ggagtcagca 360  
 gtggcaagtt acttatcaag ctgaaagacg gcaggaagggt ngaaactgac cacatagtgg 420  
 cagctgtggg cctggaaccc aatgtttagt tggccaagac tgggtggcctg gaaatagact 480  
 cagattttng tggttttccg ggtaaatgca tnacttcag cacgctttta ccatcttggg 540  
 tggcangaaa atcgtgcatt gcnttctacg atntaaaagt tgggnaagga ggccggttan 600  
 aacncccntg aacncccttt tgtgantggg aaaattgcn 639

<210> 232  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 232  
 ggtactaaaa ggccctcaaaa taattagtga cagaaatagt gttattaatt tgctaagctc 60  
 aacaataagc aattccttaa ttaaaatctt cgagatataa atttgatgac tattctcttc 120  
 agaaatgaca tacctggatt atgttaatca tcacaagcct tattagtcac acatataaac 180  
 atggcctcat gcaatcattt gtctgtatat gttactctaa gttgcatgag cacaaggttt 240  
 aatatctata tctttaagaa aatacttgat attataaaca gagtaaaaga catgatatag 300  
 tagtgattac taaaaaaaaa aaattagcag cttaaatcta tctatatattg aaaaaacgta 360  
 gtcacaagt 369

<210> 233  
 <211> 618  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(618)  
 <223> n = A,T,C or G

<400> 233  
 accctctctt ccagcaccca ggccagattt gagatcgatt ctctctatga aggaatcgac 60  
 ttctatacct ccattaccgg tgcccgatth gaagaactga atgctgacct gttccgtggc 120  
 aacctggacc cagtagagaa agcccttcga gatgccaaac tagacaagtc acagattcat 180  
 gatattgtcc tgggtgggtg ttctactcgt atccccaaaga ttcagaagct tctccaagac 240  
 ttcttcaatg gaaaagaact gaataagagc atcaaccctg atgaagctgt tgcttatggg 300  
 gcagctgtcc aggcagccat cttgtctgga gacaagtctg agaattgtca agatttgctg 360  
 ctcttggatg tcactcctct ttcccttggt attgaaactg ctgggtggagt catgactggc 420  
 ctcatcaagc gtaatacccc attcctacca agcagacaca gaccttacta cctattctga 480  
 caaccagnct ggtgngctta ttccanggtt attaaaggca accttccctg acaaaggata 540  
 ccacctgctt ggcaagggtt gaactcccag gcctgcccngg aaggaatgcn cgggggggatt 600  
 nctggggggg ggnccnncn 618

<210> 234  
 <211> 603  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(603)  
 <223> n = A,T,C or G

<400> 234  
 accagatgga aaatgttttt ggtgatctgg ctgctgctta aagccagttt tccctaagaa 60  
 ctccaaaggc taaactctac taggggcaga gtgtgaggat agatttctaa tcagagaaaa 120  
 gtggcctcca ggagctttca tttatgtctt ctccagacca ggttttcctg ttatcttcct 180  
 ttaatccctt ttcaaccaac aggtgaagtt cttccagccc acagaggtag taatatcatc 240  
 ttttctatct cctcctctcc tttggccatg taatgaagca aaatattatt tatttagccc 300  
 aggcttgaga gccactgttt gtggacagtc ttcactctaga ttccataccc tggcctaggc 360  
 gaggtaaggc tctctgggta ttgccaggat ggagcccctc taccctcangt ctgctgtang 420  
 gaatacccta attagttgan gcatgctttt ggaatcctgc atgttggcat atggctggnc 480  
 tatecttttt aaaanctctg ggtgggggna tctggataatn gattaagang ggacaaggag 540  
 ccttttcttg gctaanggtt ncaatacctt tttgaatggg gccagccctc aggcttccca 600  
 ccc 603

<210> 235  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(328)  
 <223> n = A,T,C or G

<400> 235  
 gcgtgtcgcg gccgangnac atggacnaca ggtgangaac aggtgaacat ggaggttgta 60  
 gancccangg gagggggagt cacttggttt ggggcaaact tgctaaatgc aggaccacag 120  
 gaaccanctn ttcanctncc gtgaganttt ggctgcccان gccanttagg ggtgtggggc 180  
 tgcacgggag acagttatcc ctttctantc tggctcgtgg gactntnnan ggantcantc 240  
 tgcaacagta agtggtgant tcttctgncc ancgtcagta ttttgatggg ggcttttagac 300  
 ttgccagatn acactacntn acatcagt 328

<210> 236  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 236  
 ggtacacctg ttaggagctc tatcactctg aaagccaaaa gatagaatgc tcatttgagc 60  
 atttgcaaaa tgttctctat ttatatTTTT aaaaatctga tacatgtaag tttttctggc 120  
 agattctttt tgtatgttac aaaacaaaac atcaaaagct cagagtaaga taagaatccc 180  
 tttttcttag aaagggtcaag cagatacttc ttgacatcat gtccctttata caatggcata 240  
 ttgttcatat aaaaggcttc ttatcctata aaaatcttga caaaggcagc cttctaatacc 300

aatgcgtcca gtttccgttc tgcggactgc tacttgattg ttgcaaacaa gt

352

<210> 237  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(607)  
 <223> n = A,T,C or G

<400> 237  
 ggtacaaatg cgcttccagc aggaggtcat ggacagccct atggaagagg tcctgctggt 60  
 caatctttgt gaaggaacct tcttaatgtc gggtggtgat gaaaaagaca tcctgccacc 120  
 gaagcttcag gatgacatct tagactctct tggtcagggg atcaatgagt taaagactgc 180  
 agaacaaatc aacgagcatg ttccaggccc ctttgtgcag ttctttgtca agattgtggg 240  
 ccattatgct tcctatatca agcgggaggc aaatgggcaa ggccacttcc aagaaagatc 300  
 cttctgtaag gctctgacct ccaagaccaa ccgcccattt gtgaagaagt ttgtgaagac 360  
 acagctcttc tcacttttca tccaggagc ccgagaagag caagaatcct cctgcaggct 420  
 atttccaaca gaaaatcttg aatatgagga acagaagaaa ccngaagaaa ccaagggaaa 480  
 aaactgtgaa ataagactgt ggtgaattag aatggctaga gctaccccca ttntnggctt 540  
 tagccctgcc aagtggcagg ntcancaact gtcagnttcc naatcctaata cntactttgg 600  
 gnnntgg 607

<210> 238  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 238  
 acaaaacttag aagaaaattg gaagatagaa acaagataga aaatgaaaat attgtcaaga 60  
 gtttcagata gaaaatgaaa aacaagctaa gacaagtatt ggagaagtat agaagataga 120  
 aaaatataaa gccaaaaatt ggataaaaata gcactgaaaa aatgaggaaa ttattggtaa 180  
 ccaattttatt ttaaaaagccc atcaatttaa tttctggtgg tgcagaagtt agaaggtaaa 240  
 gcttgagaag atgaggggtgt ttacgtagac cagaaccaat ttagaagaat acttgaagct 300  
 agaaggggaa gttgggttaaa aatcacatca aaaagctact aaaaggactg gtgtaaaana 360  
 aaaantgtna nnaaaaaaaaa agcttgtcct n 391

<210> 239  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(466)  
 <223> n = A,T,C or G

```

<400> 239
gggaggggaga cggggggagag agagaaaaaa aaaaaaaaaa aaaaaaaaaaag cttgtgttgg      60
tcccagcggt tcagctgagg tagggacgtg ccgtaggccg gaatgttacc ggctgttggg      120
tctgtggatg aggaagagga tcctgcggag gaggattgtc ctgaattggg tcccattgag      180
acgacgcaaa gcgaggagga ggaaaagtct ggccctcggcg ccaagatccc agtcacaatt      240
atcacccgggt atttaggtgc tgggaagaca acacttctga actatatttt gacagagcaa      300
catagtaaaa gagtagcggg cattttaaat gaatctgggg aaggaagtgc gctggagaaa      360
tccttagctg tcagccaagg cggagagctc tatgaaagag tggctggaac ttagaaacgg      420
tttgccctctt gcttgttcan tgaagtgagg aatgtgttta ctgggt      466

```

```

<210> 240
<211> 616
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

```

```

<400> 240
ggtacaactc ttgctaattg aatgctataa tgcacaagggt caaggattta ataaattcta      60
aaagtgtcta catatatcag tgataactgt attattagaa atataaatgt atagaaatat      120
aaagtatatg gtattaaaaa cagaccttgc taatataaac atataaaaag tatgtcactt      180
ctcctgtaat aacagcataa agatcgatct acagtttgcc cttcgcttgg cactcttaaa      240
ccactcctcc aatgggtcaat gttgacctg aatcaacagc cgctgaaccc aggagacccc      300
acagatgtgt agattcagca cctanagggc cccctacccc tctgtgctgt gtgttcccat      360
gactccagaa ataattaatc gcaacttgca ttattaagtc cacaggcaag ttttgaaatc      420
taactagaaa aagtagcagc aaaggccaaa ataccgcggg aatttgttaa gaaaagcaac      480
cagaatttct taaaatgctt tcanttcaag gtctgaatta aggtgacntt aggtcccacc      540
agcnttaacg nagttggggn atgttttgc tntgggtttt naaaaaagaa gaatctgcna      600
taaacatgtc ctttgg      616

```

```

<210> 241
<211> 598
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

```

```

<400> 241
ggtactctat gaatgtgtta cccaggagac cccagagatg ttgcctgcat acatagcaat      60
ggatcaggct ataagaagac ttgggagaag agaaatgtct gagacttctg aactttggca      120
gataaagttg gtgttagagt ttttcagctc ccgaagccat caggagcggc tgcagaacca      180
ccctaagcgg gggctcttta tgaactcgga attcctccct gttgtgaagt gcaccattga      240
taataaccctg gaccagtggg tacaagtcgg gggtgatatg tgtgtgcacg cctacctcag      300
cgggcagccc ttggaggaa cccagctgag catgctggcc tgcttcctcg tctaccactc      360
tgtgccagct ccacaagcac ctgccaccta taggactaga agggagcaca agctttgctg      420
aactgntctt caaatttaac agcttaaaat gccagtgcga gctttgttga natggctcct      480

```

```

ttgctttcttg gaaatccaca gccatggtga tgtgaccgtg ttggccggga acctacctga 540
acgtgacttn tggcacaacg tgaccaacct naaacttaag catgttttaa gtttangg 598

```

```

<210> 242
<211> 565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

```

```

<400> 242
acagagcttc gggtagcaga agaggaatgg cctatggaca tattgactct tatggggcag 60
atgatagtga ggaggagggg gctgggcctg ttgagcgacc gccagtgaga gggaaaactg 120
gcaagtttta agatgataag ctgtatgacc cagagaaagg ggcaaggtct ttggctgggc 180
cacctccaca tttctctagt tttagccgtg atgtgagaga ggagcgagac aagttagacc 240
cagtccctgc agcaagatgc tcagctagca gagctgactt cctgccacaa agtagtgtgg 300
ccacacagtc gtcttctgaa ggcaagctgg ctacaaaagg tgacagctcg gagagggaga 360
gaagggagca aaattttacct gcacgttcca ncagggtccc tgtgagtatt tgtgggtggg 420
gggaaaaacac ctnaaagaag tgcagaggaa cctgtgggtca ggccccaat cagaaacctg 480
gcaggtccaa ctgctgtaaa cccaaaattt ttttttgatc ctgatgatga ntgaccatnt 540
ccncaccgta cctttggcgn gaaca 565

```

```

<210> 243
<211> 647
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

```

```

<400> 243
ggtacttggg atgggggctg ttttttggct ggtctgagtg caggactttg ctgctaggat 60
gcttaccaaa tagaaatttg actcagagcc tgtggctggg gaattgtcct caggaagtaa 120
aatggctcgc cagctttcct acctgcttgt ggatgcctca gatagcaatg gtcggacagg 180
acacttcagt gtgggaagca gcatccgggt aggctgtgct ctggcacagg gggatcctga 240
atctcccat ctcttctaag ctgacctgtc cacacattct gagggattaa gcttagagca 300
cctaagaaca gcagcctccc caggagaggg cagggaccaa agtggcagga atcctagaca 360
actctacgct ttttctgcac taaccagctg ggtgactcta aacatgtcac ctccctntgg 420
cctnaacttt ctcatcgacc aaacgaanga gagtagactg ngctttcagc ttaagaccga 480
aaaccgtatc ttaacccttt tctggnacct tgcccggccg gccgttcnaa angggcaa 540
tcnnacact gggcgccgt actaagggat cccacttngg gcccaactt ggggtaaa 600
tggcanaact ggtnccgtng gnaaatggta anccgttcca aatcccc 647

```

```

<210> 244
<211> 603
<212> DNA
<213> Homo sapiens

```



<220>  
 <221> misc\_feature  
 <222> (1)...(603)  
 <223> n = A,T,C or G

<400> 244  
 acaacattca gggctttctt tttttcttcg gcaagctctt cttcctcagc agttttcttt 60  
 tcattttacct cttcctgttc ctcttcactg tcagtttcta gaaatcgaga gtccatgcgg 120  
 aatctgtcat cggtgccaaa gtgcgactgt aaatccatga gcttctgtcc agctctgccc 180  
 tcaaaactgag gtttaatttt gaacctatta ctgtcatctt cagaatcaga ttctgtcatca 240  
 tcaactgctat caaacagctt ccctgatgtt ttacccatag actctttcac ccattcctct 300  
 cctggatggc tctgtctctg agtcgatgtc tctctgttt cacattcact gtcagaaccg 360  
 aagatgatgt gegtgtgctt atcctctgga tgaccatcca aattgccaga gcattatgca 420  
 ccagcttctt ctgcactctt tgctttttgc ctgcgttcca aggctgncaa acgcttcttn 480  
 attggcttca acatgcttat ctttagcact cacatttgac gaattactaa tngaaagggg 540  
 agaaaanagt tttggattcc ccgagngccc ttggatgana cctttggggg ttcttganaa 600  
 aag 603

<210> 245  
 <211> 640  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(640)  
 <223> n = A,T,C or G

<400> 245  
 actgggcacc attaatgagg atgcaggaga tcaggtggcc caggccttcg aagatatact 60  
 ggaacttggt ctgctgaagg ctggcgctca tggcctcttc aatggcgctg atatctttgt 120  
 tgagcttgac caccaggggg tcataatcca tactttccac attagccaca atggcatagt 180  
 tccccctctt tgcaagaggg ataagatagt ggaaacagtg aaccctcact tccagatgta 240  
 agacaagcaa gcagcgggtca gccatatactt ggaacgattt ggcaagttca ctgagagtct 300  
 gcatgatctg ctctgacact gggggggagat ccgtgttcgt gtggctgctt gagcaggaga 360  
 aagcatctgg gatgtagaaa gattggaaga aagctgactt ttgttcgact tgccaaccat 420  
 tccaagcttt catgcntggt ngccaagggt ttganggcac ttgaccgtca cgaaggatnc 480  
 ttgtggaagg antaatttat caccaagggt ccaatagaac tttagactcc ttgncaaaac 540  
 tggccttatg aaaacttntt cntcncctctt ttggcctanc tgnttngggg tgngcctntt 600  
 cattccantt gggnaaaaat tcaaanattg ctggttcttn 640

<210> 246  
 <211> 608  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(608)  
 <223> n = A,T,C or G

<400> 246  
 cgagggtactg tcattgaagt ggaaccagcg gccttcgtga gttgcgtatg ctgtgtaatg 60

tccagaacca	acccccggaac	catgggtgcac	caccacagcg	gcgagggtcat	acaggcagct	120
ctccggggcca	ctgttctcag	gctctagtaa	gtagcatttc	atgtctaggc	ctctcagtg	180
aaattctacg	tatgtatcaa	ctttatttct	taaatatgct	gtccaatgaa	atcttttcaa	240
atgtaagcat	agcaccttg	gtagtttttg	aatccaaaac	ttttttgtgg	acttttgttt	300
ctttttgcat	ttatggcaca	tatataactc	tgtctcatca	agttcttcta	agtcggtaaa	360
actgcaaga	caatctcgta	acgaacaaac	tgggccattt	tcttgattct	tagagcgctt	420
acttctgaac	tgacttggaa	tatctaata	aaggctctang	gaatggatca	aactttttaga	480
atctgcccc	tatgaggcag	ttacctcatt	ttggagaagc	ctccgaatat	agccggacaa	540
cagtnaagct	ccattatgna	ccttggtacc	ttgcagacag	ngtaaaatnt	cctgcaaaat	600
gntgaccg						608

<210> 247  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (632)  
 <223> n = A,T,C or G

acagaaaagtc	agagaacact	tacagaactt	ggaaaaactca	gctttcacag	ctgacaggca	60
taagaaaaga	aaacttttgg	aaaactcaac	actaaacagc	aagttattaa	aagtaaatgg	120
aagcaccact	gccatttgtg	ccacaggcct	tcggaatttg	gggaacacat	gtttcatgaa	180
tgccatcctt	cagtcactca	gtaacattga	gcagttttgc	tggtatttca	aagaactgcc	240
cgccgtggag	ttaaggaatg	ggaaaacagc	aggaaggcgg	acataccaca	ccaggagcca	300
aggggataac	aatgtgtctt	tggtagaaga	gtttagaaaag	acactctgtg	ctttatggca	360
aggcagccag	actgnattta	gcccagagtc	cttaatttat	gttggttggg	agaatatgcc	420
caacttttag	ggctatcaac	agcaggacgc	catgaatcat	gcgctccttt	tggaacctta	480
ccttggaact	tcaggcggn	caacggggtt	tccgctnaac	atthttgcagg	gaaatctact	540
ttgctgcagt	accaagtgg	gctaaatgga	catttntgg	gcacggnttt	ttcgagggnt	600
ntccaaatnn	ggttactgcn	tanttgggga	aa			632

<210> 248  
 <211> 624  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (624)  
 <223> n = A,T,C or G

actccgagg	gcctggcgag	gacatgtaga	aagactgcgt	tttccttttc	aatcggggcc	60
ttttgttggc	caacaccaga	ctgcgcggc	ttgaactgat	gatttccgaa	atgaacttct	120
tgcaagccac	acacacctcc	atgggtgctc	agtcctccat	caactctttg	ggaaactgga	180
gttcttcatc	tgatttgtcc	atagacttag	atthttgagg	gaacctggca	atgctccgaa	240
gtggccgatg	atgggcagtg	gagggttttt	ctgacctcat	actactttcc	cctctttgca	300
gagcagaagg	tcccaatgaa	aagataggaa	gagtgaggta	tggtttggag	ggcagcccg	360
atctttttgc	aacactgtga	gcacaccggc	ctnttacaga	actgacaggt	ataagaccaa	420
gtgaagaagg	aaaaccttct	ggttcggcaa	ccaaagcaga	gcttttcttt	tttcaagncc	480

tgtnaagnct	ttatctgggtg	atattttcca	ntntgcntta	ccaggaccgg	cgaatatgnt	540
ncttnttccc	agtagacnag	nattcnctgg	gaccaaattc	taaanaccgg	acttntctgaa	600
gnggaggact	gcttcgttta	ggct				624

<210> 249  
 <211> 636  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(636)  
 <223> n = A,T,C or G

<400> 249						60
acagtaaaaa	gtaaaacttcc	ctccatccca	ggcctgccag	catccctgat	gccgactttc	120
tgggtgtggc	ctagggcccc	tcagtgtaat	gtaggggttg	tgagcacaga	ctttgggtgcc	180
agtttgctag	gttcgaatcc	tgactccctc	tttgtagctc	tgtgcttcaa	ttgaaatact	240
gtgcctcagt	ttctccttta	taaaggcagg	gatcatgaga	gtgcctgtcc	cttgtgagca	300
ctatgaaagt	gttagctgtt	ctttaccaga	ataaatgcat	ttctatatct	tcccatatgc	360
atcttgntaa	tttttaaaagt	atctcaaaca	caaagtgtga	aacagaaaat	tgtgtaacat	420
taactatgaa	cttaccacc	agaatttaca	aatgctgaca	ttttgcaata	tttatttcng	480
atctattttt	aangggggga	accctgcagt	tactgnttaa	tcctttccac	ccacctttta	540
atcttacacc	angagcatag	tggtcatacc	tangctaatt	ttttcagtac	ctgatataatt	600
tggagaactc	cttcctaggc	ataaactttg	nccctttttt	taanagtggg	taacctttgg	636
gacnaaaggg	cttgaacaat	tgccccatcc	ctttgg			

<210> 250  
 <211> 669  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

<400> 250						60
ggtacataat	ccggcagctc	catggcatct	cgtttctggg	gctgtgcctc	agccccaatc	120
agaagggtga	aatgagtgcc	caaagtctct	cgcagcaaag	tcttattggg	tgggatgttc	180
aataactgag	ccattgtttc	tacgttaaaa	cgaggctcta	gaaccatgag	cccaccatgg	240
acaccactgc	ctctgagatt	gggcgcatac	tctgcccaagt	ccacggagcg	cagccactcc	300
atcactcgat	ggtttagtcca	cttctgaact	tctgatgggg	cgatgggtatt	ctcatcagat	360
ggccgcctcc	gtagacagtt	tggttcaaaa	gttattgatc	ctcaggacct	ggatggccct	420
tttgatactg	agatgggtgta	ncacacttac	cacctttcag	agacagtaag	tcataaacag	480
tcattgtaatg	taacattcga	ccatnaaccc	ggccttnatt	aaactgggtc	ttatatttga	540
gggaagggncc	atggcattcc	aacctntaa	nggacccnnn	ttggaaatcc	actttcccat	600
gaatgggttc	ntttttnaaa	atcccanggc	nttngaaagg	ctaacttggg	nggttcnttt	660
tcattgaaang	aaagcctgga	ttccaaggctc	ccttttttaa	aactttgtgg	naaaccttgc	669
aaaaacntn						

<210> 251  
 <211> 670

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

<400> 251  
 actattcaag aggtgaagag aaatgtgtat gaccttacaa gtatccccgt tcgccaccaa 60  
 ttatgggagg gctggccaac ttctgctaca gacgactcaa tgtgtcttgc tgaatcaggg 120  
 ctctcttatc cctgccatcg acttacagtg ggaagaagat cttcacctgc acagaccggg 180  
 gaacagtcgg aagaacaaat caccgatgtt catatggtta gtgatagcga tggagatgac 240  
 tttgaagatg ctacagaatt tgggggtggat gatggagaag tatttggcat ggcgtcatct 300  
 gccttgagaa aatctccaat gatgccagaa aacgcagaaa atgaaggaga tgccttatta 360  
 caatttacag cagagttttc ttcaagatat ggtgattgcc atcctgnatt ttttattggc 420  
 tcattagaag ctgcttttca agangccttc tatgtgaaag ccccgagata gaaagcttct 480  
 tgcctatctg ctncctcctg atgnaaagtg tggtnaccca cgggttctgn gttaccaaatt 540  
 gctttggggc tgnaanccat tgggttcctt attctgggtc aaaaattttt taaccggggc 600  
 nttgggaact tgccaanggn ntccaccnga gccangaatt ttcactttgg gccaaaaaac 660  
 cttttgnggg 670

<210> 252  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(498)  
 <223> n = A,T,C or G

<400> 252  
 acacagcaca ttctcttaag agaaaacagg aatgaacatt ctcagaaaca ttcacattgc 60  
 tcatcaaatg tagctttacc caaagtatat aggaaatggc aaaaacctaa cctagctgga 120  
 catttttatac aagtaagtca aagttcaaag gaatcatcct atctttattc tcagaaatcc 180  
 aatgttgaat atcacagttc ttctttaatg gaagcagaag attcagagtc cttgtctccc 240  
 aaaatgcctc agccagggtc agcacagaga gtggaatata aaaagcttaa ttgtgttaat 300  
 acatggaaga caacagttct cagtcaacct agccacaatt ttctgtcttg gccatctgta 360  
 agaaatgact accgtttgaa attcaacttt cacattcaaa aaaaagaaaa tcaattcagc 420  
 ttttagacac aaagcaaaac caaaacaaaa aaacnaatgg catagtctac atatttnacc 480  
 ccttgacaat tggggggaa 498

<210> 253  
 <211> 433  
 <212> DNA  
 <213> Homo sapiens

<400> 253  
 acgtttcagt tcaagtgcaa aaaataacta ttgtctgaat tctatttctt tcagttattt 60  
 tatttttaag ctgtgtttta ttgtgaagcg agacatccaa gtgtagaatt tcttatccca 120  
 aatgcagtat tgctccttgg ttacgcttcc tggggagaca ggggttgctg tgcttgagtt 180  
 caaagtcaag tccatcatat ggtagtaat ttcacctgtc tggggctgca gagtgggttc 240

actgttcattg	tttggagctg	ttggcaaagt	aacgggtgtct	gagacattga	gccctgtttc	300
caaaagggttt	cttttctcac	gcatttttgg	tgatatgggtg	aggaaagagg	ttaaaggaaga	360
atttggtggc	aggataagtt	aactggtgac	ttgcattggt	ggggtgaagt	tggttggggc	420
aatctttggt	acc					433

<210> 254  
 <211> 652  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(652)  
 <223> n = A,T,C or G

<400> 254						60
ggtacaaacc	caggcctggg	cctaggaaa	ggcagaagaa	aggcaaagg	tcccttggag	120
caggaaacca	tccctctctg	cttataacca	gcacccctca	tcccagggtc	ctttcttcaa	180
cctccgcctg	cctctgggaa	cacagagcac	caagaactga	caaaccggga	ccctccagg	240
ccacagcgtg	gggcagagtc	caggcttctg	tctcccgcga	gtgggagatc	tggggagctc	300
agtgaacctc	ctcaccctcc	tgccagtatg	aagttgggaa	gcgccttctc	tgtccccag	360
aacagaacaa	actcttgttc	tctgtggttg	gggaaaaggt	gtgggggggt	tggaacctag	420
aagaagctga	gctgaattcc	tccagggccc	agggtgaaacc	cccaagggga	gtttctgaga	480
cttctagact	tggccattct	ccactttttc	cttccaatga	ctccggtgaa	gcagttaaaa	540
gtctnngctt	agggcaactg	gtaggacagt	ngggaatttg	ncccaagaca	tttgnngggt	600
tcaaataaag	gtttcccaac	accngaata	ttatatggan	cctgccnggc	nggccgttca	652
aagggcnaat	tcngnccctt	ggngggcgta	ctaagggaac	ccactttggg	cc	

<210> 255  
 <211> 605  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(605)  
 <223> n = A,T,C or G

<400> 255						60
ggtacgacag	ttgtgtgggt	ttattgggaa	cctccaacat	ctccacaaca	atgtagtatt	120
gtggaaggcg	ggtaagttta	atgaacagtt	tattcttaga	aaggtttcca	ataggatgag	180
ttgagtaatt	ggaaagctgc	aatgtttcac	tgcttatcgt	aggcagatgt	tttatagact	240
gcttgcaacg	ctgttgteca	agccaaaact	taagttgctg	aatccagggt	atgattcgtt	300
tcatatcatc	attcacagac	ttctccatgt	catccagagt	ggcctgggtc	agtccataaa	360
gcatcaattg	aaacattcca	gaatgtaaat	ctacaaaaat	gtgcaggcac	tctgaattac	420
cacagggctc	caagatggga	acaacaagag	ctgggagtg	agtctctatg	gaagagtttc	480
attggcattg	aagcctctaa	gaatggcctt	cagttcttgg	agcttctgat	gagctcttgc	540
atggacactg	gnaatcangg	agttttctat	tgataagtgg	gccgatcttc	atggctcttt	600
ctactaattt	ggaatcanaa	nttgcaaagg	aggatcgtga	aaaatttnna	aggtttggaa	605
acatn						

<210> 256  
 <211> 654

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(654)  
<223> n = A,T,C or G

```

<400> 256
acagttcaca agcttcaggc aaggggcagc ctgagactat ccgagtgatg ttgaggcaat      60
ccaggcacag caagtcattc agccacttct ccactgcata cccagggggc gtatcggatt      120
gactcctgga gggaaacctc atgcagtgtc cgcgctgatg ccaatctggc tgtcgtcgtg      180
gtcttattct cagcagtggg gctgacctgg ctctgggcgc tctgttgacg gagctgctga      240
attagcttga gggacagtga ccggccagtg ccctcatagc cattgatggt ggatgccatg      300
aaaacaaggt aggggccaag taggctcttc accaagggga gggggatggc ggcagcttca      360
tcaatcacaa ctagtccagc ctggcccagc ttcacagcat ctgcaggatg tatatactga      420
atagtctggc tgngtctcga aatacattca ctctgatcac tgntttggta aattcangaa      480
ttanagactg gataatctca taatccaaag gtctctgaaa nttgcanaac attnaaatcc      540
nttnaatncc aattcaaccc aattttgang ttttaanggc tttgggaggg aaccaanaan      600
ttgggggtacc ttggccggaa cccctttaag gggnaattca gncacntggg gggg          654

```

<210> 257  
<211> 594  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(594)  
<223> n = A,T,C or G

```

<400> 257
actgctcttt tattacggta atacttgcta gtgggatttc tctcttcacc aaggetgcct      60
ttactgtgtg aaggacctgt cagtctgggt gcagccaagt tggatggagt cctcattcga      120
agacttgact tagccatttc atgatgttca atttcagcct ttttcatata aaatattttt      180
ttaattgaat ttgcatcctt gaatacttga gagccaggct cattataagt tttggcattt      240
tttgcgagga gatctatata tttggccatt gcatgaatac tttttagctt tccattctgt      300
atcctctggg caatgggtctt gagatctata ggctccttaa ttattgcata ataacttgga      360
tattgcactt tagaaggcaa gtttctgaaa aaagtgcgta atgagacgtn ctgatggatt      420
gnagctacca ctatggcttc aagaaactgc ttcaggaact ncttcaagta agctggagaa      480
aaatcttnag cactgggncc tggatgggct tggccatctt catcaataac ttcgnaaatt      540
ggttctcntt ttgaaccaac ctcatntttg gtccaaggna ccttggnccg gaac          594

```

<210> 258  
<211> 648  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(648)  
<223> n = A,T,C or G

```

<400> 258
cgaggtacct tgctgtttat tccttagtct agcagcatcc ttagtttgta gtatatctta      60
cttagttgca actaaaaaaaa attgctagcc taggcttta ctgggagttt ctattatcta      120
gaaggttact gtgaaccttt cagaaaagtg gaaagcaacc aaaagagctg tctcaaagac      180
tgtgtccccc cagagtttgt ccagctctta ctgtagacac tctgaacagg cacggttatc      240
tcatgtccaa agctcataac agcacattag aagaaagtgg ggagcctgtt agaagcaggc      300
atattgatag tgtgggagaa gacatagcaa attacttagc agatatttta aaaattttaa      360
aatccaacag cagtctgagg caaatgattc tgnatacctc agggctgana gaatcacttt      420
atacatattt ggtatagccc ttctatttta tgaaagtgtt tacataccnn agactngatc      480
ctataataat accttatgaa tatactttac ttttcatcat ggaaaatgtg aatatactng      540
cntgatgggt aagaagaagg ccggagggtt cctacntnc ntgaancctn ccttaaaaat      600
aatccnngtt taaanngtgg ncttggnaaa ttccttantt tcccaaaa      648

```

```

<210> 259
<211> 224
<212> DNA
<213> Homo sapiens

```

```

<400> 259
ggtacttcaa aaagaacatc aggattaatg ttcctcagag tatgttctgc tgcttgaact      60
ttacttaatc ctgcttgatg aggttggaag aaaagtctat tcatattggc tagttccacc      120
ttgtcataat caaagagtag caacttacca atgccacatc ttgtcagcat ttcagcagtc      180
acactaccta ctccaccaac acctactatt gctacggcaa aggt      224

```

```

<210> 260
<211> 584
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

```

```

<400> 260
ggtacttcaa actctcttaa cgggtgatgct ctgacattca ctactacatt tactctgcaa      60
gatgtatcca atgactttga aataaatatt gaagttttaca gcttggtgca aaagaaagat      120
ccctcaggcc ttgataagaa gaaaaaaaaa tccaagtcca aggctattac tccaaagcga      180
ctcctcacat ctataaccac aaaaagcaac attcattctt cagtcatggc cagtccagga      240
ggtcttagtg ctgtgcgaac cagcaacttc gcccttggtg gatcttacac attatcattg      300
tcttcagtag gaaataactaa gtttggtctg gacaagggtc cctttttatc ttctttggaa      360
ggtcatattt atttaaaaat aaaatgtcaa gtgaattcca gtgttgaaga aagagggttt      420
ctaaccatat tgaagaatgt tagtgggttt tggggccctg ggcacgaag aatgggtgtg      480
ttcttttctg ggaaactgna taatcttaat tggacttaat ccagnatgat gaagaaaccg      540
caggaattcc cattnggaan gggataaatc tngcttaatt ggan      584

```

```

<210> 261
<211> 526
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1)... (526)  
 <223> n = A,T,C or G

<400> 261  
 ggtacttgat gttctgcagc ttctgaaagg cttcctgata ctgctcaggg gtgtcaaggc 60  
 tgaagatgct cttccacact gcagtcaccc tctccacgaa agacccttcg gtgcccgtgt 120  
 tccaagtgtg gtaagaggag gagcttttgc cctctgaaag ctgcttttcc tccagatgcc 180  
 tggacagtag ctccagaagg caaaacacca atctctgacc ctgtagactt tcatgcagct 240  
 gcagggccttc ctgggctccc acccagttgt tggccagaag cagctcttgg gcacatctga 300  
 gagccaggga agcagacaac tcatcctctc ctacgatggc agccaactct gcagccgttc 360  
 taagtgatgc cgcaccccc tttttggcca aaactttggc tgcatacataa gcacaagtgg 420  
 cccctaaata gcatttggca gctacagcat agtggccatc tctttctagg acnggtcccc 480  
 agctganga cctgcccggc gggcgcttct aaanggcgaa atcttg 526

<210> 262  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (703)  
 <223> n = A,T,C or G

<400> 262  
 cgaggtacag aggtctgaag aaggtggcat agagggctga aggtctgggt ggcagggcca 60  
 ctcccttaat aaaccaatgt catgctcaca ctccctattgc ctaccttggc atgctggatc 120  
 agctcacaga tgcaggatca agtcttgaaa gccaatcaga aaatccttca taggcttaca 180  
 aaggaccacc catggaacat tgtttcccggt aagactgaaa agacaaacta caccaaccac 240  
 caccactctt ctttttccct tttggcccca tcaaaggaca tggagaagggt agacaagttt 300  
 tcttatccct acttttctaa ctcgaggatt ctccaaattt acatcagcag ctctaaggat 360  
 attcctcaca ggtcacaaac tgaaccaaaa atgaaaaatcc tttctataaa actacacatt 420  
 ctttattcat acntatgact aaaggctact gaatggnacc tgccccggcc ggccttccga 480  
 aagggccaan ttcaacacac ttggccggnc cgtactanat ggaatccnaa ctttgggacc 540  
 caagcttttg cggtaatcca tgggccataa gcttggttnc ccggggggga aaattggtat 600  
 tncgnttac caatttcccc accaaccntt cccaancccg gaaaccntta aaggggtaaa 660  
 anccttgggg gggcccaaaa nggggtgggc cttaacttcc ann 703

<210> 263  
 <211> 475  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (475)  
 <223> n = A,T,C or G

<400> 263  
 ggtacttggt agcttacccc aaaataatac ctggtatacc ggacccaata tctgctgatt 60  
 gatctaacct aaatgaatac aaaccatttc agaaaaagat atacaataga ccacatatcc 120  
 aggtcatgaa aattaaagct ttcaggtcac ctagcttagt gactattgct tttctgacct 180  
 tagactcttg aaagcctatt taaactggcc tctttctcca caccaaaact gataaaaagg 240



agactgatta	tgagccagga	tttacacaga	gattctctat	ataaggcata	aaggtgaggg	300
gtgagagaga	gagagagaga	gagagagaga	gagagagaga	gagacgtgag	ggagggagag	360
aaaagagaac	agacngaaga	tnagagaaag	agaaaaggtat	acagtctggn	gcctcaattc	420
cagtatgntg	atttggtctc	aacacccgng	tacctggccc	ggcnggccgn	tngaa	475

<210> 264  
 <211> 601  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(601)  
 <223> n = A,T,C or G

<400> 264						
ggtactacaa	aaaccaagtg	ctcgattacc	acttaacatg	ttcagcttga	aatgactgct	60
acctttgcct	tcaattcctt	cccacacacc	caggtatata	aatatctttt	ataccaagag	120
tccttgtgaa	agtaaataga	gggaactccc	agggataagg	gagggcaaaa	aacaggaagc	180
acttgaagcc	aaaatctgga	gcaactttta	agaaggaaga	gacgtccgtc	ctattttcat	240
atctctgcat	ggatctccca	tggagaactt	gagttaaatg	taatgattac	acgtggcaga	300
aagacaactc	tctagcacag	tgtttctttc	acataggctg	ctacattcat	tccataagct	360
caacaatttt	aataaaaaat	atcttctgta	aatactttat	attcatcatc	ataaaaaatg	420
cacagccatt	tgaaaaaaan	ggcaattacc	ctaaatgaat	attgccccaa	gcacagatca	480
actttatata	nggattcttt	ccttgggtctg	aaaaatcgca	ancggaactg	gcagacttta	540
tttaccaccc	atggattttg	nccagcatgg	agttaaattt	antgctgtct	ggagcaggaa	600
a						601

<210> 265  
 <211> 643  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

<400> 265						
actatgaaaag	gcagggtttcc	ttgtctggag	gaaaaggtcc	ttgagacacc	acaggaaatt	60
cacaccgtaa	gcagcgaggc	tgtagccttg	ttggaagagg	tcatactacc	ccggaaggac	120
ctgcctcctt	tactcctcaa	attgaatgag	aggcctgccg	aacgcctgga	ttacctgggt	180
gtttcctatg	gcttgacccc	caggctcctc	aagttctgga	aacgagctgg	atttgttctt	240
gtttatctga	gacagacccc	gaatgacctg	accggagagc	actcgtgcat	catgctgaag	300
acgctcactg	atgaggatga	ggctgaccag	ggaggctggc	ttgcagcctt	ctggaaagat	360
ttccgacggc	ggtcctacct	tgctctctac	cagttcaata	cctnnggccgc	gaccacctta	420
gggccaaatt	cacacactgg	cnggcgtact	aatggatcca	cttngttccc	aacttggcgt	480
aatcatggca	taactgggtc	ggnggaaatg	gtatccgtta	caattcccac	acatacaanc	540
cggaanntta	agtgtaannc	tgggtgctaa	tgatgactac	ttnccttaatg	ngttggctac	600
tgccgtttca	tcgggaactt	ntgccattgn	tataatgcnc	ccc		643

<210> 266  
 <211> 582

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(582)  
<223> n = A,T,C or G

```

<400> 266
actgtttacc agatctttgc agatgaggtg cttggttcag gccagtttgg catcgtttat      60
ggaggaaaac atagaaagac tgggagggat gtggctatta aagtaattga taagatgaga      120
ttccccacaa aacaagaaag tcaactccgt aatgaagtgg ctattttaca gaatttgcac      180
catctgggga ttgtaaacct ggaatgtatg tttgaaaccc cagaacgagt ctttgtagta      240
atggaaaagc tgcattggaga tatgttggaa atgattctat ccagtggaga aagtcggctt      300
ccagaacgaa ttactaaatt catggtcaca cagatacttg ttgctttgag gaatctgcat      360
tttaagaata ttgtgcactg tgatttaaag ccagaaaatg tgctgctttg catcaacaga      420
accatttcct caggtgaagc tgtgtgactt ttggattgca cgcattcatt gtgaaaagta      480
ttcaggagac tgtggaggac tccactacta nccctgaagt cttcgagcaa ngtaaccgct      540
cctanaatgt ggcattggag tatattatgg anctatgcc a      582

```

<210> 267  
<211> 565  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(565)  
<223> n = A,T,C or G

```

<400> 267
acttttggag gctgaggcgg gcagatcaca aggtcaggag ttcgagtcce agcctggcca      60
atatggtgaa accctgtctc tactaaaaat gcaaaaatta gccaggcatg gtggtgcatg      120
cctggagtcc cacctaactg gggctgaagc agaattggctt gacccaggag gtggaggttg      180
cagtgaacca agatcatgcc atggcactcc aacctgggtg acagagcaag actccatctt      240
aaaaaaaaag atactaatgt ccctcaagtt cttccatag aggtaaaagg atccaagatt      300
aagggtgaaa ttcttaaaact gttcaacaat tttgtggtgt catcaaaaaa ggaatatttc      360
atatatatta atttaacctc aatgatcaac attgttaaaa gtcagtatgg agaaagatca      420
ttctgacctc ttcagaaacc acctgggtata tgaacattct gatcccanat tattttggga      480
nctaaggacn atggtgaaaa gaatcncnan attaaaagtt ctattttcna tggaccttng      540
gcccngaac acncttaagg gccna

```

<210> 268  
<211> 661  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(661)  
<223> n = A,T,C or G

<400> 268

cgagggtacta	caaaaaccaa	gtgctcgatt	accacttaac	atgttcagct	tgaaatgact	60
gctacctttg	ccttcaattc	cttcccacac	accaggtat	acaaatatct	tttataccaa	120
gagtccttgt	gaaagtaa	agagggaa	cccagggata	agggagggca	aaaaacagga	180
agcacttgaa	gccaaaatct	ggagcaactt	ttaagaagga	agagacgtcc	gtcctatttt	240
catatctctg	catggatctc	ccatggagaa	cttgagttaa	atgtaatgat	tacaccgtgg	300
cagaaagaca	actctctagc	acagtgtttc	tttcacatag	gctgctacat	tcattccata	360
agctcaacaa	ttttaataaa	aaatattttc	gctaaatact	ttatatcatc	atcataaaaa	420
atgcacagcc	ttttgaaaaa	angggcanta	cccctaaatg	aatattgcca	agcacagatc	480
aacttatata	ggattctttc	cttgggtctg	aaaaatcgca	accgaactgg	cagactttaa	540
ttaacaacat	tgatttggcc	agcctggagt	tnaattttant	gcatgtcctg	gaggcnggan	600
aaatgatcca	gaagtaagca	ccaccgncgt	cngggncan	gttcaagaac	ttaagccngg	660
g						661

<210> 269  
 <211> 643  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

<400> 269						
actgatggga	aggccaatat	ttgatgcaat	caccacagtg	agggcagatg	ccagttcaat	60
actgaagcca	ctagaggggtg	tgatcgggtg	cagatccttc	cccatgggtct	ggataactct	120
tcttccccaa	acccacagac	caacacagat	accaacacca	ccatagagta	gaagccatat	180
tgggtgttgcc	acttttgaag	aaacatctcc	tgtgccataa	accaaata	aagcaaccag	240
aggcccaatg	gcattgctta	cgtcattgcc	accatgggcg	aatgacccaa	agcaggctgt	300
aaggatctgc	aggaactgga	aganggagag	agacttcagg	gcttatcctg	ggcataccat	360
tctttctaga	agaaccctta	ctttcttttc	tgncacctaa	acccatcttt	gnctttgcac	420
ttatggctat	cttaaaangc	tnaatgaaag	ncagacacng	cattgcagta	actggggnac	480
tgncatttna	antcccttct	tggagctgna	ntaggcctgt	cacttctcat	ttcttngccn	540
ttggtaactt	ttttgnncgg	atgaatcnga	gnatgcncat	atgcntggat	tganntactn	600
tatggcctaa	gggtgnncgn	ggtcctcant	tcncttggan	aga		643

<210> 270  
 <211> 650  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(650)  
 <223> n = A,T,C or G

<400> 270						
ggggccacatc	tgccagagcc	tggagtctgc	gaaggccggg	acccgggttc	ccggccccaca	60
gtgggggtgt	gcaaaccga	gagaactggg	ttgcaaattc	gtgaagaatc	agcatcatgt	120
ttggcagctg	agtattggag	ccaggagcct	gccatgaggt	tttgagaaca	gagtgtgttt	180
ttagagctgg	cagcagcatc	tcagcccaag	agaagggttat	attcccagag	gatgtcagtc	240
ccaaggacca	gtagctgcca	tcagtgttga	ttctgaaaac	taactggcat	caacactggg	300
tgtagaaaca	tgcttgccct	atgtatcaga	ggacatgctc	agcaagatcc	aagagatata	360

tttggcaact	ttttctagaa	aaggcacatt	gggtatcatt	cattacattc	ttgagttttt	420
ttgggttttt	tttttttttt	tgaacagtct	tgctgnattg	ccangctgga	atgtgggtggc	480
caatcacanc	ttattgcatc	ctaatacccc	aggcctaagc	aatcctcccc	ttganctggg	540
actanggtta	cagncacctg	gtaaaatttt	ttttgtgaac	ggntcttatg	tgccagctgg	600
nttaggttct	nggntnaang	gcctctgcta	nnttcaaggc	nagccatttg		650

<210> 271  
 <211> 620  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(620)  
 <223> n = A,T,C or G

<400> 271						
ggtacacagg	tcccaagctc	tttaaggagc	ccagtagtaa	atcaaacaag	ccgattattc	60
acaatgccat	atcccattgc	tgctggctg	gaaaagtga	cgaacccac	aagaattcca	120
tattggagga	gctggagaag	tgtgatgcca	atcactacat	catactgttt	cgtgatgctg	180
gctgccagtt	cagggcgctt	tactgtact	atcctgatac	tgaggaaatc	tacaaactca	240
ctggcacggg	gccaaagaac	atcaccaaga	aaatgatcga	caaactgtat	aaatacagct	300
cagaccgaaa	acagtttaac	ttgatccag	ccaaaaccat	gtctgtcagt	gtggacgcac	360
tcacaatcca	caaccacctg	tggnanccaa	cggnetgcat	gccaaagaag	ccaaactcgt	420
aatgaccggg	tgactggcg	tccaaggggtg	accagactcg	taaatagatc	cttgtgggtg	480
atcaaagggtg	cacggggggc	tanttantgg	ttanctattt	ggcctgccc	gcnggcgttn	540
aaagggaatt	caccactggn	ggcgtctaag	gaccacttgn	ccacttgnga	anatggntan	600
gttctnngga	aanttcccn					620

<210> 272  
 <211> 670  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

<400> 272						
cgaggtactt	tatattacta	aatgtctgaa	gacaaaagag	caattggaaa	tctctgtttc	60
ttgtttcgtc	atacatagga	aggcgacgtg	atgcaaattt	taacacaaga	ttttattaaa	120
gacgggcaaa	ttgggtgaggc	atacctgaat	ttctggagat	atacaaatgc	gtgaggctgg	180
catcatatgc	aaatgtggct	ttacaaattg	gttttatttt	ctagctgtat	ttaaagaggt	240
gttcaaaatt	ccctactaat	caagaagcac	ccctgaaaaa	actatgagat	aagatagtgt	300
tattaatggt	ttgcatctaa	agaccaggaa	acacattagc	caatacagtc	cacaatcggt	360
gaaatgctgc	cgtgcnaaat	gcacgtgcat	atgcnttttt	actatattcc	ctnagagacc	420
gtaaaacaac	naccaccacc	aaaaaaaaac	ngtgctcnta	aatngnggac	naacctttcc	480
aaaccaccgn	cttactctta	ctgggggttta	agggaattca	ggaagcttcn	tttanccana	540
aagctnaacc	ccttcagttc	ataanctttt	nccttggaat	aaggcctgnt	ntggctacct	600
aaaaccaagt	ctggggggaaa	aggactcatt	ccattattaa	cnnttacncc	taaggganga	660
ataaggnnt						670

<210> 273  
 <211> 688  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(688)  
 <223> n = A,T,C or G

<400> 273  
 acacaggtaa ccttatgcag cacattgtgc taaaagtatg gaacagttaa cactttcagc 60  
 cactactgaa aataaacatg tagaaactaa gcaacaagtt aaaatacagt aatgcacaac 120  
 ttaacaattt taagttttcc acatggagca ataaagcagg taactgaata atttaaggag 180  
 atgcaaatgg cctctttcat tcttaattct cggcaattta ctcaggaaaa taaatttctg 240  
 gtcgcagccc gaacagttcc agtccgatct caccttgatg gaaagtcttc attatctgtg 300  
 cttgcccagag gacttatgaa tgnnttcttct ctttcttttc ttctgaactg gccccgttct 360  
 ctttcttttc tatcctttct ttatcatgcc tggactcctt ttggcaccgg aaggagaatt 420  
 taaccatctt ctcagaatta aatggaatca ctggcttttt cnttggcctg aagaatttga 480  
 cttanttttt tncctggctt tctcaattng attaagggga ttcnccaagg acttttactt 540  
 ttaagggtttt gnaaacccca atnggtncat tcttccctct taccgctctt ggggttaaanc 600  
 ccgggggggac tttaccgggc cttggttgaa ngaaccntt ttcggtcttt tcngggcctt 660  
 ttaacttttt ctncctttnn ctggggagn 688

<210> 274  
 <211> 674  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 274  
 atttaaacct ggtttggata tgcgcctgta tgaggaagat gatttggacc ggtagagca 60  
 gatggaagat tcagaagggga cagtgaagaca gataggtgca ttctctgaag gcatcaacaa 120  
 tctgacgcac atgttaaaaag aagatgacat gtttaagat tttgctgccc gttccccag 180  
 tgccagcatt acagatgaag actcaaactg ttgaccgtag cacctggatg aacattagga 240  
 gtgcttagtc tttttcttac ttgcttttcc aaacactcac agtatataca acaggcagcg 300  
 gattgnttat tgnntgttgn tccaacttct gctgccagaa gtttaaacag aaagcaggaa 360  
 taatgtgccc attctgaagt tgccacaaaa aataagaccc tggatgaatga aaatataatt 420  
 gggttttcttc taattaatgg aaaaatctgg gatataattat atttaaggtt ggtgcattta 480  
 aagaatgagt attttacccc gaagtgggtc ccttcatatt ccccggttga aaggatttga 540  
 nggaccgtac cnggatgggn atgaatttgg tacttcatgg tcacttgaac ccnctaagtn 600  
 ggcenttttt ggattcanaa tcatatgggg aacttcttta agccttcagg ggccncttaa 660  
 tgccnnncca cctn 674

<210> 275  
 <211> 638  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (638)  
 <223> n = A,T,C or G

<400> 275  
 ggtactggca tggcaccac atttgctcag cttctggtga gggcctcagg aagcttacag 60  
 taaaggcggg aggtgaaggg ggagcaggca tatcacatgg cgagaaagag gggagagggtc 120  
 tcagactctt ttaaacaacc atatctatgt gaattgagtg agaactcact catcaccaag 180  
 gagatggtgc tgagccattc atgaaggatc ccctctcatg atccaaatac tcccaccag 240  
 gctccacttc caacactggg aattacattt caacatgaga tttggagggg acgagcatcc 300  
 aaaccatatac agatggtgag acaggagaac tttgtgtgtc cagctgcact ggtctgaaga 360  
 tataactaag tccctggact ttttctcctt aattggagaa ttcctaattg tcatgatcag 420  
 cctgantgac cagtggctga ctggcctgaa aggggagata aaacngacca cagctttctt 480  
 catagaccaa tttaaccttt attcatctgn gcagcagaag ggactgggcc anatanccat 540  
 caggtaggng cttgaatatg ggtactttcc nanatacttg ccggccggcc nttaaggca 600  
 attccaccaa tggggccgtc tannggatcc actcggn 638

<210> 276  
 <211> 638  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (638)  
 <223> n = A,T,C or G

<400> 276  
 ggtacgtcag atctacagcg aacacaacta ctgccgcctt atcctctaaa tggggagcat 60  
 acccaggccg gaactgccat gtccagagct aggagagagg acctgccttc tctgagaaag 120  
 gaggaaagct gcctactaca gagggctaca gttggactca cagatgggct aggagatgcc 180  
 tcccaactcc ccgttgctcc cactggggac cagccatgcc aggccttgcc cctactgtcc 240  
 tcccaaactc cagtagctga gagattagtg gagcagcctc agttgcatcc ggatgttaga 300  
 actgaatgtg agtctggcac cacttccttg gaaaagtgat gatgaggagc aaggaccac 360  
 cgttcctgca gacaatggtc ccattcccgc tctagtggga gatgatnntt agagaaagga 420  
 ctggcccagc tcttgagtc atccactatg aaggatcctg taatgtgacc ccagttccac 480  
 actgatctca ccgctgatgc tgcagaacag anatttgatg acgaataggc ttgngntta 540  
 tgccctctatg aggaaagtat ctngacnaga aacttgaaac cangntnttg tttacagtct 600  
 ttgatgggtcc atcatcatga nnnatgaac gcccaaccg 638

<210> 277  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (734)  
 <223> n = A,T,C or G

<400> 277  
 ggtacagaga tagatgaatg gaaatgggta agggaggtgt tcattcacat ccattctaact 60

gcaaaaataca	aaagtaagaa	gtcattgaca	tgaagcaacg	acgaccaaga	cgttctcaga	120
tctaaagggtg	aatgatctca	gtcagcctgg	aaatgcacaa	ggtggaaaaa	taacataaaa	180
aagccataag	accttgaaga	acatcaatgt	caaagataaa	ttctaaagtc	ccagagaaaa	240
aagaatggga	atcaaattga	cctcagacta	tacgtgagaa	acacggagag	ccagaaaact	300
gtgatgttcc	atcctcagag	tttgaaggaa	atatttgaag	gctgaatttt	acatccagct	360
taactatcaa	ggcatgccaa	gtcatgttat	tcttaggcct	tcaaggncct	ngcccttttt	420
ctcngaaaaag	cccgaatttn	aaatgctctt	aaagaccgtt	cttcaaccn	gaagagaaaa	480
gaaanccngg	ganggggtgct	cttgagatat	ttcagtcncc	cacaggttnc	ccaaatnggg	540
cctaaggaaa	ttccgaagag	gtcncgaaat	nttnacccat	taccttcccc	caatngggga	600
accccccgac	agggntttan	ccatnggggt	taaaggggtt	ttgaccggg	ggggccttgg	660
caaggtancc	tggccccggg	cgggcccntt	cnaaangggc	caaanttcn	gncccccttg	720
ggggggccgg	tanc					734

<210> 278  
 <211> 586  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(586)  
 <223> n = A,T,C or G

<400> 278						
acatgggtgaa	tggaccacca	catttttacag	aaagcacagt	gtttccaagg	gaatctggga	60
agaattgcaa	agtctgtatc	tttagtaagg	atgggacctt	gtttgcctgg	ggcaatggag	120
aaaaagtaaa	tattatcagt	gtcactaaca	agggactact	gcactccttc	gacctcctga	180
aggcagtttg	ccttgaattc	tcacccaaaa	atactgtcct	ggcaacgtgg	cagccttaca	240
ctacttctaa	agatggcaca	gctgggatac	ccaacctaca	actttatgat	gtgaaaactg	300
ggacatgttt	gaaatctttc	atccagaaaa	aaatgcaaaa	ttgggtgtcca	tcctgggtcag	360
aagatgaaac	tctttgtgcc	cgcaatgtta	acaatgaagt	tcacttcttt	gaaaaccacc	420
aatttttaaca	caattgccaa	ataaantgca	tttgccaaaa	attaatgact	ttggattatc	480
accctgggacc	ccaaccatac	caaggtggct	ggctatgttn	ccaggaagtn	aangngcccc	540
cttatttggg	agaatatatc	agtancttgg	gcgggaacac	ccttan		586

<210> 279  
 <211> 664  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(664)  
 <223> n = A,T,C or G

<400> 279						
accaccgagg	ctagcacagt	caagcctcca	gctaagctgg	atccctgaag	cctgctatca	60
tgcagacagg	ctatgcggct	gcctcggacc	atgctaggcc	acttgctggg	gtgtcaacct	120
accaccaaag	gggtctttta	gcaaacctca	tggggaacag	gaacattcct	gttcatccct	180
ggccacaggc	tgcagaccca	gcactggccc	ttgcgtgagt	cagagcctgg	ggctggccct	240
agccccctct	actgacttcc	tcatttaagc	caattatata	agctcacatt	gatcagggag	300
ggaggggaaag	agctaaagag	ggtcacacaa	gtggctatct	tccctgcagt	gtttctgtgt	360
ggtgaaaata	accagtgcca	ctaagggggc	ggagtgaatg	gatggctgga	ttttcccaaa	420

gctccttata	gcctaattgtt	gtcaggatgt	gagtatgagg	aatttagcct	cttatagtga	480
aatgagtcca	actctgggct	ttgcttanan	gaaagctncc	gtcaggcttn	ctataatatg	540
aaaagaagtc	accattgggg	aactagagac	cccagacctt	ttcatatgga	tatttgagaa	600
tgtaatgcat	ntangcctng	tgctggaact	ttaggcctnt	aggcnggtta	aaacacttga	660
tttt						664

<210> 280  
 <211> 448  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(448)  
 <223> n = A,T,C or G

<400> 280						
actaccacag	actgttgact	tttagtttct	taaagagaaa	aattgccttt	ttactagaaa	60
gcctttgtat	attgcaattt	ttctgtttgg	gaaaatctaa	ggatttactg	tggttagtct	120
tacagaagaa	atgtggattt	gataaactag	tgccatgat	tttaacttat	gtttgatata	180
tagtagtaag	ggttttatga	atgttgatta	ttttgtgcca	acagcccaga	attgtcactt	240
atatgtaagc	agaaaaacaat	gagctctgct	tccaaagtta	tttaattttc	tcagtgtttg	300
aatgttattt	tttgaagtgt	tgtaataaaa	agtgtaaaga	attggaaaaa	atataaatat	360
tcttaactca	agcatttgct	ggatcatttt	tctacaaaac	ttggttgtag	tgngaacctg	420
tgtatcancg	ttgtgtaaac	ctagtacc				448

<210> 281  
 <211> 677  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

<400> 281						
gcgtggcgcg	gcccagggtta	caccttcaca	gggaatccgc	aggcggggat	cttcagtctc	60
ctttaacacc	ggaaagtatc	aacgggacag	atgatgaaag	aacacctgat	gtgacacaga	120
actcagagcc	aagggttgaa	ccaactcaga	atgcattgcc	attttcacat	agttcagcaa	180
tcagcaaaca	ttgggaggct	gaactggcta	ccctcaaagg	aaataatgcc	aaactcactg	240
cagccctgct	ggagtccact	gccaatgtga	aacaatggaa	acagcaactt	gctgcctatc	300
aagaggaagc	agaacgtctg	cacaagcggg	taatttcagg	gctgatgtct	atagggattt	360
agggctaaca	ggttttcttg	atcagaagaa	attttgcatt	tagattcagc	acagggatat	420
cttctagttc	taggatgtca	gaacatagat	atgggttgna	tgatatgcat	ttggttgatt	480
aagaaaaata	ttttccatag	tttaatgaga	atgaagaata	tacctctttg	aagcaacaaa	540
ncatgtgatt	cccatattat	catggggcta	gngtatgcnc	agtcctgccc	ggcggcgtaa	600
ggcaatcagn	cctggngccg	tctnnggacc	acttggccac	tgngnacagg	caactgtctg	660
ggaatgnect	ccatccc					677

<210> 282  
 <211> 691  
 <212> DNA



&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(691)

&lt;223&gt; n = A,T,C or G

```

<400> 282
cgaggtacct tgctgtttat tccttagtct agcagcatcc ttagtttgta gtatatctta      60
cttagttgca actaaaaaaaa attgctagcc taggctttaa ctgggagttt ctattatcta      120
gaaggttact gtgaaccttt cagaaaaagt gaaagcaacc aaaagagctg tctcaaagac      180
tgtgtccccc cagagtttgt ccagctctta ctgtagacac tctgaacagg cacggttatc      240
tcatgtccaa agctcataac agcacattag aagaaagtgg ggagcctgtt agaagcaggg      300
atattgatag tgtgggagaa gacatagcaa attacttagc agatatttta aaaattttaa      360
aatccaacag cagtctgagg caaatgattc tgtatacctc agggctgaga gaatcacttt      420
ataacatatt tgntatagcc ctttacattt tatgaagtgn ttacataca tcagagctgg      480
atcttataat aatacattat gaataaact ttaacttttc atcatgaaaa tgtgaattat      540
actgacctga tgtaagaan aangccggaa ggtttctaac atacctgaaa tctcccttaa      600
aataattcca ggtttaaaang tggnccttga aanttcctta ctttccaaaa tnatgacct      660
gccgggggcn nttnnaaggng aatccnncct n                                     691

```

&lt;210&gt; 283

&lt;211&gt; 668

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(668)

&lt;223&gt; n = A,T,C or G

```

<400> 283
acatgggttct gtgacatggc tggaggtggg cgttctggac aagtaaacaa tttactgggg      60
agggtgtctgt gtttcacact taggtcgcta agtttttagc caaggcttta gttgtcctcc      120
atgagcaatt gtagaaattg gaaatttgta atgatttttt atgagaaaagg ccacgaatgt      180
gtgttactat tagagtatat ccacatattg tccagtcatg gaaaatggcc taaaagataa      240
tttacctgca aaacagaata ttatgcagct attaaaataa tgcataatgaa gatttgccat      300
agagtggaaa aatgcttggt aggtaaaaat caaaaaaaca tgtaggaaac aaaattttac      360
atatttgatc tccactgtat aaataaataa aatggagaaa catttgagaa aaatcatcca      420
ataatgggtg tctgtgggtg gtaaaagcaa ttgaaatgtc ttccttacac ttttaataat      480
ttttaaaaag tatgtaaaaat gccaatatg acaatgctaa gctagatgaa catcccatcc      540
aaattggaag cccattttaa atttagaaag cncgggttga ttcccttctc tatccttttt      600
taaagcaaat ggcccannc tggngnnttt ttgacccaac ctttcaaaat tnggctaact      660
ttntgaat

```

&lt;210&gt; 284

&lt;211&gt; 777

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(777)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 284

acagtatttta	agggatttttc	cttttagctt	ttcatctcca	gtggcattaa	acataaaaaag	60
accctggcat	tttttcacat	acttgaatcc	ctaaatgcac	ctgtctttca	ctttttgaga	120
cagactgaat	atatctaaaa	tttccagcaa	taaaaaaaaa	gcatttaact	tgcaccaagc	180
aagaaaatat	aaatacagtt	aactgcatta	agataatcac	gttaaaaattg	ttactatgca	240
gcacagaact	tcattcttat	agtattcttg	gggtcaacct	ttgaatcaat	tttaccactg	300
attaaataaa	tgactcaaag	acatctgtaa	gtcatgctgc	tgtgttttga	aagtcttttaa	360
ctaaattaag	aatgcagaat	ggatagtgat	tattcaatta	gaatttaagt	aaggggatgg	420
tgatantana	aggctggaaa	atnccttaat	ttttaaaaaa	atcagaatag	gcnttttaaat	480
aggtaaaatc	actttcaatt	nttccccaaa	acctgnangt	ttcccggaaa	aaagggtttta	540
aggctttnaa	gggtggggaat	gncccaaggt	ttttaactta	tnccatggaa	gccanngcct	600
tgcatgggnn	ccttagggna	acccccngaa	ttccnttccc	aaaagggggg	tttaccnttt	660
tggaattnaa	tttggggnaa	ccttattngg	nccttngggg	nttaccttng	gaaanaaaat	720
ttntttttaa	atnntttcan	ggggnnggaa	attttaaaggc	cttttttttt	gggaaaa	777

&lt;210&gt; 285

&lt;211&gt; 692

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(692)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 285

ggtacaagct	tttttttttt	tttttttttt	tttttttttt	aaggatttac	ttttcttaac	60
aagtgaacaa	tttgcttcta	agcgtcaatg	aaaggcaaca	cctccctnta	atggccaaag	120
gaagagagtg	gcagtaagct	ggcttttcca	atgngtcaca	caatccttca	tgccattaag	180
ttctccttgt	tggaagagaa	attaggttgt	tttgataact	tagaaaagtt	agtttttagac	240
aacagtgact	ttcagctaca	aatacaaaat	caaatccatg	tatataaggc	ttctgtaatc	300
gatgtcttag	aggaacatct	gtcatttttc	tccaagcccc	agtcctataa	atcaaggcaa	360
gtcaagtaat	taagcttcaa	ctattttggc	agcttttgcaa	ttaaaatgag	cnaagcacta	420
tatctatcct	tcataatcngg	atatattaaa	ggccaacttt	ggtaacncca	atnttacatg	480
ccgagaggcc	taaaatttnc	nntttggggt	ccnggttttaa	ttaaagncca	taanggnctt	540
gcnacnaatc	tttttcccc	ncccaagggg	aatttccctc	nnattaccaa	acccctgnct	600
caattttntt	ccccggnaat	ttgaaaggcc	gggtttntcc	tttcaaaaana	aattttcccc	660
ggggattaan	atttggggccc	caatttctta	nn			692

&lt;210&gt; 286

&lt;211&gt; 709

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(709)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 286

actgtgccag	ggatattgag	atgctctggg	gggtgtattgt	atacctgccca	gtttttcttca	60
------------	------------	------------	-------------	-------------	-------------	----

tttctgaatt	gagttttctt	ttcttgatgt	tggtttcctt	catatcacct	caaggtttag	120
atttgtgaag	gaataagcat	gatggaaata	atagtcttga	aaggagatat	gttgtatata	180
atcaggagga	agaggaagga	aggacttacc	cattttgata	ttttgctgta	ggtggccagt	240
tttgtttctc	atagggaaat	ctgacccacc	tgcatgttg	gtcctaagg	aactgctgtt	300
gtaagcggct	catcaagagt	tgaacttcac	gtagccttgt	tgggaatatg	gaaaaggaag	360
aaagccacag	gactgcccac	tcagtcttgg	gaagattggg	atgattctgc	acaagcaaaa	420
atgactgaag	tttatgtata	gacacacctc	taccaatcca	tcttcagctg	actgaatgtt	480
gnatgatacc	cttcttcaaa	gcagangtag	aatggtcang	gttcacccat	ggaattttct	540
acttaatttc	gtttttngga	atcaacttta	ccnnaatncc	aggteccctt	tnggaaaaaa	600
tccttaaate	ttttgctttt	ttnaaaaaat	aanttnggtt	catanttaaa	ggcccttggn	660
ttaanccang	gttnccngtn	ccnattttatt	tgaacccttt	gcccttana		709

&lt;210&gt; 287

&lt;211&gt; 231

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(231)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 287

acaagctttt	tttttttttt	ttttgtanag	atgcgggtct	cactatgttg	60	
cccaggctgg	tctcaaactc	ctgggctcag	gttctcctcc	tgcctgggcc	tcccaaagtg	120
ctgacatcac	aggcgtgagc	caccacaccc	agcccttttg	ggtgttttta	aatataactt	180
tggcatttat	aacaaatgca	accacatggt	anatcttatt	agaagtacct	n	231

&lt;210&gt; 288

&lt;211&gt; 681

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(681)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 288

acctctcttt	ccagcaccca	ggccagtatt	gagatcgatt	ctctctatga	aggaatcgac	60
ttctatacct	ccattaccog	tgccccgattt	gaagaactga	atgctgacct	gttccgtggc	120
acctgggacc	cagtagagaa	agcccttcga	gatgccaaac	tagacaagtc	acagattcat	180
gatattgtcc	tggttggtgg	ttctactcgt	atccccaaga	ttcagaagct	tctccaagac	240
ttcttcaatg	gaaaagaact	gaataagagc	atcaaccctg	atgaagctgt	tgcttatggt	300
gcagctgtcc	aggcagccat	cttgtctgga	gacaagtctg	agaatgttca	agatttgctg	360
ctcttggtatg	tactcctct	ttcccttggt	attgaaactg	ntggtggagt	catgactgcc	420
tcatcaagcg	taataccacc	attcctacca	agcagaccag	accttnacta	cctatctgac	480
accagcctgg	ngngcttaat	canggttatg	aaaggcaaac	gtgccatgac	caangataca	540
acctggtttg	gcaaggttga	aactacaggc	ttacctntgg	accccgaggg	gtcctnaaaa	600
tgaagtcctt	ttgacattga	gcccaggggt	actcaaggnt	ttgttnggca	aaaancttgg	660
ccggaaccct	angggaattn	n				681

&lt;210&gt; 289

<211> 565  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(565)  
 <223> n = A,T,C or G

```

<400> 289
actcaaccta acttatagtt agcagctgga attctcaact cttccctgcc agcactatac      60
cacagtgtgg aagaaattag tcaaatgctt gttttcctgc ttctcttttc agctgttact      120
gtgctttggt tgaaagtagt tttctctctc aaagccgttg cttatatcgt taagaatgaa      180
ggttttgtgt taaaatttat tgcattgcaa agggtagttt cactgaagtc atgcaccatt      240
aaataagatg aaatatttgt atttattgtc ctacttccta agccgtaact tcttttcctc      300
tgtgaatttg cattgagtca ctcatgtctac actacatcgc tttagtattt gagatggcat      360
ttatgtttcc tctcgtttat catgaaatgg ggtcagattc catcagattc caccctctgtc      420
aggtggactc ttgtctgcct tccatgatga gatttttttt tctccttccc tttctttaag      480
agaggctgcn gaactangng gcaatcaatt tggnaaccag tctctggnnt tttttcatta      540
gtaattttcta tcatagttca ctggg                                     565
  
```

<210> 290  
 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(699)  
 <223> n = A,T,C or G

```

<400> 290
ggtacacaat tctgcatttc tctcttggtta atgggatccc agttttattg caggaggcag      60
tgtgccagtc tcagtagatg gaacacgatt ggtctattca gccatgacaa ttctgttccc      120
tgctgtctta gctttgtttg cagctagagg tgcaatggta gctggctcgg gccaaaggca      180
tctaagtga gatatgcaga gggagagagc aggaaacaga cttctgacga ggttttactt      240
tctgatagaa ggtgacaggt ccagctagtt tggcccttcc tcttctccca cccctccttc      300
cttgaacgca gacatgattc ttggggatcac agcagccatc ttgggaccat gaagtaacga      360
gcactgagat taaggcaaaa ggatcaagac gtgaccoccta ccttcgtgga gttggtgaac      420
caataccatt aacccaccca tctccagaat ccattgctatg tggnaaaaca atcttctggt      480
tggttaaacc actgnaattc aagggtttcn ttncttgcaa ctgaatggaa gnccttttta      540
naaggtagct tgacaaaaat gccnaaggaa ncttggcctt tggaaattgg ancccgnaan      600
acctgggttt ttaagcccat tttggcnnn tttnggnaag ctttaagggt aaggcctgaa      660
cctttggccn aaagggggna actngggttc cccctttcc                                     699
  
```

<210> 291  
 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(699)

&lt;223&gt; n = A,T,C or G

```

<400> 291
ggctacttggg gacttcaggg atacagcctg tccagaatat ggctatccta ctctcctact      60
cagaaagaga tcctgtccct ggaggctgta atttggagtt cgatttagat attgatccca      120
acatttactt ggagtataat ttctttgaaa cgactatcaa gtttgcccca gcaaaccctag      180
gctatgcgag aggcgtagat cccccacat gtgacgctgg gacagaccag gactccagggt      240
ggaggttgca gtatgatgtc tatcagtatt ttctgcctga gaatgacctc actgaggaga      300
tggtgctgaa gcatctgcag aggatgggtc gtgtgccccca ggtgaaggcc agtgctctca      360
agggtggttac cctaacagct aatgataaga ccagtgtttc cttctctcct tccnggacaa      420
ggtgtcatat accatgtcat tgggtgggac ccggttctaa atcatctgct ggctacattc      480
ctgntnacac atacccttgc aactttgang cnngaaaagg taagtggggc cttcctaagg      540
aaaaggnttt tccaaggggt cntcaatctt tttgncccgg ntnggntnct tnaattgggt      600
ntttggaccc cnaatttggg aaaccgaaat attnttnana ggctttannn nnggggaann      660
tntttnaaaa ccgntccnn nantggccct tttaggttnn      699

```

&lt;210&gt; 292

&lt;211&gt; 688

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(688)

&lt;223&gt; n = A,T,C or G

```

<400> 292
acagtcattc cactacctgg ctatttcatt acttgggtgct ctagacaagc tcccaagaac      60
tgactggatc ttggcttgtt ctgtttctgt cattgctaata ataatatgga aaacattgct      120
gaaaagaaca gagatggcca tggatatggc taggttaggt attcatatcc aaatatctga      180
actctaacct aatgtggata tgattctgta gcattatatt aaaagctatg atgatgcaat      240
gcaggaaaata acccttcatt ctccccctta gaggatcacg acaggtgctt caatgcctgc      300
cttatctatg ggacagtagt gtgattctca gtgagaagtg aaggcctttg gggatttgag      360
tcaggaaaagg gaacatggct aagtgcctgg aaactctggc aacagtctgc gggtagaatc      420
tacttggcct ctggataaga aaatctgtgc ttcantgaac ttaagnnggt tgggaaaatt      480
taaccacagaa ttttnnanga agcataagtn cctgggtcaa ganaaccagc ttacggaaca      540
tgcacattct taacatangc aacctttggc caatnaatcc catnggatgg ccccttaag      600
ggaaagccat tttgggttct tggatcccaa cnttttaagt tcaaactttt tttttaagnt      660
tttagntcct nggccccttt agnaaggn      688

```

&lt;210&gt; 293

&lt;211&gt; 572

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(572)

&lt;223&gt; n = A,T,C or G

```

<400> 293
ggctactgtc tgctaggcca gtgacaaatg gccatcagag atgtggctcg ggtcagcatt      60
gtccttctcg gtgcaggcca tgggtttatc agagcactga ccaccctgtg gcactgtaac      120

```

aggtgaccat	aggagacttg	tgccctggaga	acttggggcc	actgtggttag	gaacagcagg	180
ggttctggaa	atggacacta	atcctaggat	tggaacccc	gcttgctgtc	tgctctctgg	240
gtgtctcagc	ctgtctccca	cctgcctggg	actgttttct	cttgggtgga	ttgggaagct	300
catgtgtggc	ctcatctcac	ggggtgaggt	gaagactcaa	tgaggcacta	cctgggttcc	360
acggggtgtc	ccccgtgggt	ctctccccca	gggtgtccct	gccccctgtg	caagccagtt	420
tctgctgaat	taccagcca	gctttgccaa	accacctgac	tttccctcag	aagacttcag	480
gcngaaaaac	aggggttaaag	acctaccctt	tctgaacttg	gttcantgct	antgcanaac	540
caagtccttc	acaancttag	gacccatag	gt			572

<210> 294  
 <211> 692  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(692)  
 <223> n = A,T,C or G

<400> 294						
acttcacaag	tgtatgaaaa	tgatgtgacg	ttaacggctg	ataaaggcaa	aacagaggac	60
actttcttca	tgagcaacaa	accccaaaga	tacaaagaca	agctaccaga	tagtgggtgat	120
tctatgctta	ggatcagcac	cattgcttca	gccattgcag	aggcatcagt	taatactgat	180
ccttcccaac	ttgctgcaat	gatcaaggca	ctttcaaata	aaaccagaga	caagactttt	240
caggaagatg	agaaacaaaa	ggactattct	catgtgctgc	atttcttacc	taatgattta	300
gaaaaaagta	atggatccaa	tgcaattgat	atggagaaat	accttaaaaa	aacagaagtt	360
agtagatatg	aaagtgcatt	ggaaaacttt	tcaagggcta	gtatgtctga	tacttgggat	420
ttatctttgc	caaagaacaa	actactcaag	acattcattc	cgggtggactt	aagtgtctta	480
gtggnaatgt	gaaggccccc	gaagaaaacn	cagcagctat	tgttatgttg	aaaatggnga	540
gagtgagaat	caagaggcnt	ttagaancct	aaacttctca	aatccgggtc	caattgagag	600
aatacngggc	cntanttgat	gggaaaactg	tccnttgcac	caattccaga	agtnggaccc	660
atnaaaactn	cctaatttcc	ctccnttgga	gg			692

<210> 295  
 <211> 459  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(459)  
 <223> n = A,T,C or G

<400> 295						
cgagggtacaa	tgcaacaaaa	tacaaaatac	atgcttggtg	aacattcggt	catatctaca	60
agacggcagc	tagagattag	gtttcaatac	tgaccattta	ctatcctaca	agcaattagc	120
attacatcat	aatatgccat	caaggcaact	ttttttatac	tgaaaaaatc	aaaataaaaa	180
ccgttatattg	taaactttta	tacgaaatgt	aactcttcaa	gtggaaataa	aaaataaaat	240
ttgtctattt	actattgaat	acacatagga	tttcaatttt	cattataaccg	agaaaaaagc	300
tcttttgtgt	tgggaaaaata	atgcttcaaa	aaataattag	tagaaaaacc	cactagtata	360
atgntttgcc	tttcaatgcc	agcacagatt	tgggaacata	ctgaggatga	aagttataga	420
cattcacagg	tgaaatgtcc	tgccnggcgg	ccgtcgaaa			459

<210> 296  
 <211> 677  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

<400> 296  
 taaagactac ctacacatag atatatgatt ccaaagtcac actttctcca tccccacatt 60  
 agccaagtga atacagggcc aaatgggttc ttggaatgat aataacaaag cattacaaag 120  
 tgggtcccct tgggtccagc cttgtccaga gtttttgggt atatatctct atttattaca 180  
 atttaccttt taaattgttaa aataaacctt tgtgtggaca gagccaatgt ttcaatcttg 240  
 aatgagtaaa gaaaataactt tggaactgat cctcattttg aaattgggtc taaattatta 300  
 tccatttcca atgtctgaaa ttctcttact tcctgctaaa actctctttc tgccaaagtt 360  
 gtttcgtaat ctgtctcaat gactataatg taaaattaaa gaagtaacca tgcttctcaa 420  
 ggggggaatt aaaagtgggt aatggatttt actcaggcta attggttggg cagaaattcc 480  
 taaggccaca gctttnngggg ggtccgtgta natgtccagg anggcagnga cattagttcc 540  
 ttcttntgnt aatcccaaaa cttagaaacc nataatctta ccctggcatt tctttntaa 600  
 aatggccagg ccnttggggg ggaccttggc cggacccctt tanggggaat ccnccactgg 660  
 gggccgtctt agggann 677

<210> 297  
 <211> 574  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(574)  
 <223> n = A,T,C or G

<400> 297  
 accgtgggtg tagaatgatt gttatgtact gcagacaaaa tctgctttta gaggcaagcg 60  
 gatttctgac aaagtaactg atccttttga tggcataaat tcactttggg gactagcctt 120  
 attcttctct tgaggtcctt cgttcttcaa tttattcaat tcatcaatca aaagtgttct 180  
 ctccccagtt gcaattagaa gaagtctttc tgcttcagct tcttctaggg acccttttcc 240  
 atgttcttca tcaacacagc agttaagagc ctggctagct tgatagatca ctgtctgttg 300  
 catatttatt tcgttattga gttcctgcat tttctgtttg atattaactt gacaaggaaa 360  
 ggcattatth ttttcatcca gttttgaagt aacatcttcc ttccgaacaa tcacctgctt 420  
 tattgatgga cgttctgntt ctttgaatct ttgagatcta tatgcatcaa tgctgtaaag 480  
 aagatcacga tcttcagAAC ccaggctatc accagattca actcgaaggga ccnagttctt 540  
 tggaaattttc ctgggtttgg actttcatca cttt 574

<210> 298  
 <211> 535  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(535)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 298

ggtacatttta	gcttttgggaat	gatggagaga	cacagagata	tatgttaaagc	tcaagagaat	60
cactccactc	cacgtctggg	tccacaccct	tccaggcttt	gtctggaaca	ttatgtggct	120
ggtgcctgat	tccacagtga	ggatgcagga	gcccggtgg	tgatggataa	agcattagga	180
gacaatcaag	tgtaggaat	tggtcaataa	gaacggctta	aataatgatt	taacaaggaa	240
gacgagtaaa	aaacaatccc	atttcattct	tagaaagaat	taagtcacta	aatgatttct	300
tctaagttgt	tgccatttgc	ttggatgaga	tcttgaaggt	tttccattct	ttctccacct	360
agttaagaac	acattgacta	gaaatttgtg	acaagaatct	agtaaaggcc	ttttccctcc	420
tgctcctcat	tatgccaatg	caagaacact	tatagcttcc	tgngccaaag	tatttgacat	480
ccatgncttc	atcttggcct	aacttctgna	gtacctggcc	gggcggccg	ttcna	535

&lt;210&gt; 299

&lt;211&gt; 644

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(644)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 299

acatatattcc	cgggataaga	tcaccaggcc	aggagcgaag	ctatggaaga	aaggggaagg	60
gctccccaac	tttgacaaca	acaatatcaa	gggctctttg	ataatcactt	ttgatgtgga	120
ttttccaaaa	gaacagttaa	cagaggaagc	gagagaaggt	atcaaacagc	tactgaaaca	180
aggggtcagt	cagaaggtat	acaatggact	gcaaggatat	tgagagtga	taaaattgga	240
ctttgtttta	aataagtgaa	taagcgatat	ttattatctg	caagggtttt	ttgtgtgtgt	300
ttttgttttt	attttcaata	tgcaagttag	gcttaatttt	ttttatctaa	tgatcatcat	360
gaaatgaata	agagggctta	agaatttggc	atttgcattc	ggaaaagaat	gaccagcaaa	420
agggttacta	atacctctcc	tttggggatt	aatgctgggt	ctgccgctga	gtttcaagaa	480
ttaagctgca	gaagactcag	gagcaaagaa	ccccatntta	aggggtggagt	gtaccattcn	540
tcaaattgcc	ctgggaagct	gtttaancat	ttggngtatt	caaaaaaaaa	aaaaaaaaant	600
ttcttgcgca	ccctangnaa	tcaccctggg	cgtnttngan	cann		644

&lt;210&gt; 300

&lt;211&gt; 642

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(642)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 300

accttcccaa	ccattagagt	gagtcaccct	agaagcaa	tctccagctc	cagtgcattc	60
tttagataac	tgccactctg	gtcactatct	tatctacaac	ctcatgagaa	acctcagcca	120
gaaccaccca	gctaagttgc	ctctgaattc	ctgagccaca	gaaactggga	gataatgttt	180
actgtttaag	actttaaatt	tggagtaatt	tgctattcag	ccatagaaag	tgacactcat	240
ttcttcgtgc	ccgacactgc	tgtctctgtg	gtttcacatc	cctgtgggta	aagctctcca	300



agggctcacc	actaatttca	ggataaaaatc	taaatccctt	aacatagcat	agggtttttta	360
caaactgcct	cctgtgtgcc	tctcagcccc	atccggccca	ctctgccttt	cctncctgga	420
tactccagc	tactctgaaa	catactgnac	cttnctaaat	gcngacagat	aaaattggca	480
gacttttcat	aggatgcccc	gtgaaatttg	aatttcagat	aaccatgaat	aatgngtgtg	540
ggtatacaat	atttgggaca	tcctatacta	aaaatattgc	tgacncatat	tcttcaaggt	600
attaatttaa	tctgaaatcn	catttaatan	ggcatnttgg	gc		642

<210> 301  
 <211> 589  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (589)  
 <223> n = A,T,C or G

<400> 301						
cgaggtagcc	tattatgaac	taacaaaata	tttttgtttt	acatcagtct	taatagtccc	60
attttgctca	attgggaata	gtgctagctc	tcttgtttga	gaactgttac	ttcaaaaaaa	120
atccaatgca	agggtgctgg	aagtcctctt	cataacctta	attaatactt	gttagtgatt	180
tacagtaaaa	ctgcttttag	tgaagtatat	tcacttggcc	cataaacact	gaaatagatg	240
aggtaatgat	acattagtaa	tgtagtaata	aattagtagt	ccaattctga	caaaaaatta	300
ccaatagctc	ccccacctt	cacttacaag	agggttcctg	gtttgaacct	taacataccc	360
tagatatata	tagcaattct	gctgatagga	aaaccaagtc	ttagcacaca	gctaataaat	420
gacaaaacatg	ggactagaat	ttaagtctat	actgccatga	acctcatgag	gaggagccaa	480
attgntaatt	aagttgcact	ctagttacca	gcactaacan	aacacaaacc	aataacatgg	540
gtgtgggcta	ttnanaaaaa	ataactgggg	gaaaacatta	cttttntgg		589

<210> 302  
 <211> 577  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (577)  
 <223> n = A,T,C or G

<400> 302						
ggtacttgaa	atgttgctgg	ttaaaagttt	ttctgcttta	ctcattcctt	tgacagcatt	60
aatttgtaga	catttatatt	cagttcagct	gtatttatgg	cacaagatct	catttccaaa	120
atggcactaa	ttttccctaa	gtgtaacagc	actctatttt	tagcagtaat	tatatatttt	180
aaggtttaatt	tgtagaacaa	atgttttaac	tatacttttt	ttctactcta	tactccccag	240
ttacagtatt	tacaaagggc	tgaagtctat	ataaaaaaat	gatctttggc	tgggcatggg	300
ggctcatgcc	tgtaatccca	gcactttggg	aggctcgagg	aggcggatca	cgagggttagg	360
agtttgagac	cagcctgacc	aacatgaaga	aaccctgtct	ctactaaaaa	tacaaaaatta	420
gccaggcatg	gaggcaggcg	cctgtaatcc	caactactcg	ggaggctgan	gcaggggagaa	480
tcgcttgaa	ccgggaggcc	gaaggtgccg	tgagttgaga	ntggccattg	ccttcagcct	540
gggtgacaaa	cgagtttcaa	aaaaaaaaaa	acattttt			577

<210> 303  
 <211> 673

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 303  
 ggtacattta gcccattgagc ctggcacaga tccctatcta gacatgaggg ccttttagaca 60  
 tgacttttggc attgaccagc ctgttggcaa tgggtcgggg aggcagaggg gatgctcaca 120  
 ccagtaattc tcatcccctg aatgcttggg atcacctggg gagagttcac aaaatactgg 180  
 tgcaggggtc ccacctctga tgatgctgag tgggtgggtct ggggtgtggc ccaggcatca 240  
 tgatgtttca ggccccagc tgacttctta ggcagcccag ctaagcccct agagccttgc 300  
 aatttcccc aaatgacctc agagggcccc atttgaggga aatgcctaac ttcagggggc 360  
 cgtaagaatc cccaggggag catgtgaaat gcagatacca ggcccacccc cagagatgag 420  
 ctgangtggg tcaaggggtg aaagtgcang gatcaagtgt ttttcacaag ctccatacct 480  
 tcaggaaatg gtgttgtggt ttggggcccg anaaaacatt cttgagagtc ctggtgnctt 540  
 gtgccttggg gcaccttggg gtgggaatnc caatgggncc ttgncttga ggaaggatgt 600  
 gccattaacc tggttaaggg aaacccgaaa ccggtttcaa cttgnccttg gccaaccgg 660  
 ggacccttcn aaa 673

<210> 304  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<400> 304  
 ggtactgggc tcccatttat ttgaaatgtc caaaataggc aaattttag acgaaaagta 60  
 gatcagtggg ttcctgcagc tgaagtgtag gttgaaagtg gagcatgact gaatgccctt 120  
 tctaaaacaa gtaaacctat aattcatatt tccttaagaa aataaaaaatt ttattaaatc 180  
 aagatttaat ttaccatgaa gaacacagag ttattattag tgcaagactt tattcatcct 240  
 ctccccagcc aaatcccaag aggatggcca cctttggaac tttttactgg cagcttactt 300  
 aacctaagtc agtctcctaa tctagtgtgc tttgaaatgg ggatgtataa gacaaccatt 360  
 tgacacaggt agaaaacttt tactttttta agcccattcc cctggtaaac aatatatgta 420  
 cctgcc 426

<210> 305  
 <211> 655  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(655)  
 <223> n = A,T,C or G

<400> 305  
 ggtacgagat tctgtgtgtc agccagttta cctccagtg tgtcctgaag ggaaacaagc 60  
 ctgatttcca cctagcaatg cccacggagc aggcagaggg cttctacaac agcttcctgg 120  
 agcagctgcg taaaacatac aggcgggagc ttatcaaaga tggcaagttt ggggcctaca 180  
 tgcaggtgca cattcagaat gatgggcctg tgaccataga gctggaatcg ccagctcccg 240  
 gcaactgtac ctctgaccca aagcagctgt caaagctcga aaaacagcag cagaggaaaag 300

aaaagaccag	agctaagggga	ccttctgaat	caagcaagga	aagaaacact	ccccgaaaag	360
aagaccgcag	tgccagcagc	ggggctgagg	gcgacgtgtc	ctctgaacgg	gagcccgtag	420
ctcaggaggc	agaattcaat	gtgttatcat	tgggcagaac	tggatcctga	aaaattcaag	480
atgctaagca	cctacactac	tttaagaatt	tggaaactgaa	catgaanaag	aagacngaaa	540
ttagaatttg	ggaacctgaa	tagcttttgc	aaaaacaccc	aagggccggg	taatcgtttc	600
tgggtgtgct	nnggtggaat	gatncatggg	ccttgccttg	ggncaagggg	cngnt	655

&lt;210&gt; 306

&lt;211&gt; 684

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(684)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 306

cgaggtacaa	cacgcctcca	tgtttcagca	tctacgtcat	gggcttggtt	ctggagtggg	60
ttaaaaacaa	tggaggtgcc	gcggccatgg	agaagcttag	ctccatcaaa	tctcaaacaa	120
tttatgagat	tattgataat	tctcaaggat	tccacgtttg	tccagtggag	ccccaaaata	180
gaagcaagat	gaatattcca	ttccgcattg	gcaatgccaa	aggagatgat	gcttttagaaa	240
aaaagatttc	ttgataaagc	tcttgaactc	aatatgttgt	ccttgaaaag	gcataggctc	300
gtgggaggga	tccgggcctc	tctgtataat	gctgtcacaa	ttgaagacgt	tcagaagctg	360
gccgccttca	tgaaaaaatt	tttggagatg	catcagctat	gaacacatcc	taaccaggga	420
tatactctgt	tcttgaacaa	catacaaagt	ttaaaggtaa	cttgggggat	ggctaccaaa	480
aggttaacac	agtatttttc	tcaaatgaac	catgccttat	tgcagaattc	ttcntttttg	540
gaaagaacca	ccggccaaaa	cattccccaa	cttntgtaaa	agctggtggg	gacctaatgg	600
ccgcctttaa	ttctgacttt	gaactggaaa	nccttttaag	naaaacttgg	nggcttttnt	660
aacaaaaatcc	cgcgtanttt	gnct				684

&lt;210&gt; 307

&lt;211&gt; 647

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(647)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 307

caggtcttgt	atacacaagc	gtccatgtct	cacacaaaata	ttgatgtgat	tattcttaag	60
tgttaaatca	ttaacactta	aatgacttca	ttgggaatat	tgagcagagg	gactgtgctt	120
ctatgcactg	ggcaaggcag	tatttgctta	ggaaactaat	ttagtcatca	gagatacttt	180
cctaaaaagg	aaaaataaaa	aacaaaatgg	tgccactttg	ggttgaagct	actttgttag	240
gcttgaattc	atttatatgt	cttttgattc	ttaaaaaaac	aaaaaacatt	ccattagaag	300
caccagtttt	tttgctcaga	ctttgtggat	cagactctac	actcaacaca	ctctaactta	360
cttaaaggta	tacaaaatat	gctgatcttt	tttaaattat	gatttctctga	atttttttct	420
taagtcgtct	caactgattt	actcacttag	cttcccttcc	tcatcaccta	gtataataga	480
atgnatgtta	cattttttatg	aatggcaggt	gtcattataa	tctgnattga	cttaaaaaagg	540
ttcttctcca	tgatgctaata	angtttttgg	atanttggga	ggatacncat	ttgacagttt	600
tgcattttat	gnatgagccn	gtatccatga	cggggcacgg	attatag		647

<210> 308  
 <211> 660  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(660)  
 <223> n = A,T,C or G

```

<400> 308
acctttgttg ctataaacca gatggagact gtggtgctat tttgtatttt ttttttaatg      60
gaagggtgtt ggggtggcag tttttatcct tgaagacctc agatatgcta agtcaaccta      120
agcaaagtat actcgggtga accctagctc tgtgggggtga tctgcaaaat agagtatcct      180
ggtcatgtaa gttcaggaaa tgctacagac tcaaggatta tttttgggga ttcaccatgc      240
acagcacaca ttgaaggctg aaaagtcctt gcagaaaagga aactgactta actttgtttc      300
ttaaggatat ttgaccacaa aacccttagt ctgcatcaca ccaacctgat gcctnctgga      360
acctgtgttc tgtanaaatgc gtattagaaa atggttgga acctgttcoa ttatcagaag      420
tcccatttct gangacagtg gtctctgnct ggaaaataa ggtccagaat ctcaanttcc      480
agggaccagn caaggtctgg cacttntanc cagtaaaacc ccattgcata aatcttcatt      540
ccatcaaggg tataanttgc ttgngccctt tnacaaangg ggaaanaact cggaanaaag      600
gtnccttggg ccgggaacac ccttaagggc caaattccan acaattgnng gccgtaatna      660

```

<210> 309  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(401)  
 <223> n = A,T,C or G

```

<400> 309
ggtacacata tacacataac aagtgtagaa gtatatatta catacataca ctcaactctgt      60
ctggtatagg ctaattttga agaactccca taagtttctg ctgcttctcc cataactgct      120
gccaccacca tcagaattca taatcaaacc taaccttttt gtttggggca ccaaactctga      180
agacaaaatt aatttgcacc agtaaaacttc aagctgcttt ctttcttgaa aactaaacgt      240
ttaacgtata atgtctggtt ggatactggt ccaaattggt gattgcatgt gggttaatgtt      300
gcattagagc actttgcaat tgcataattc attaatgttt tgtgagcttg catttggtgag      360
ttattggatg atcagactga attttgcaag tatcacattg n                                401

```

<210> 310  
 <211> 502  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(502)  
 <223> n = A,T,C or G

```

<400> 310
acatgtttat ggggactcct aacacagggc tccccctcttt ttcactagga gtttcaetta 60
cagctgacaa tctatggggg cggggggggg gcgcggcaaa aaagcaatga tggaccttgg 120
ctaatacccc cgaccccttt cttacaata taggtagatg tctatcgtca gcttgcctct 180
ttgccaagac ctaggaggcg gctctgccat gagctgctgt gtgctgccct cccacacctc 240
agcacactca tctacacaca cacaggtagc acccacctcg atgagaccgc cttgctctgg 300
cctgccccaa ccctggaagt tgaaaacata gagccattta tttctgcttc tactctctgn 360
gcccatgtct tgtccacgaa actttgctga acttccagga ccttacacct gaagccccac 420
aataacctgg atgttttgaa agccctngga aancagctn taganaaagg acccccttaa 480
gccgaaacag ggcctgttaa aa 502

```

<210> 311

<211> 387

<212> DNA

<213> Homo sapiens

```

<400> 311
cgaggtaact tactcagagg ggctttgatt tttttcaagc acaaagcaag aagttccctg 60
gattctaaag cacactgtat ccaagttcct ggtggttgaa aataccttg acattgtttg 120
cagaacgaaa tcgagacttg tttcggaata ccttggtgta gtgccacttt acttcgcaaa 180
caggccacac aaatattggc aggatttgga cttatcgga caccacactc acagcacaag 240
atgtgtccag ggctgcggtc ggtggattct gccatatact ccatcgttct gtatgcctta 300
agttttcgcg cctccagacc agccctggat ttgctgaaaa cccgcaacaa aatagacccc 360
ggctgtcccc tcagctgcca acctggt 387

```

<210> 312

<211> 654

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(654)

<223> n = A,T,C or G

```

<400> 312
ggtacaaaaa aatgcttctg gagatttctt tggcagaaat gcctttcatc tataatttca 60
tggagaactg ctttaattag cctaggtgaa aagtagtcct agcagtgtaa atatgtataa 120
ttagagtttt ctaatttcac tgtgagatct ctaacttttg agtggcaaac agatcaagtc 180
ttttgctcat agacttttct gtgggggttat taaaatgcaa aagctttatt ttttttaata 240
atgccatact ccattagtgt cagatgatgg tatggaattt gtcccttgc tttccccac 300
tgttactgct tcagtttata gattgccagc agagttcaga aatagagcag ggatttaccc 360
gttctttgct tggacatccc attttctttt gccagaccca tgttggcaat catgtatgaa 420
ctgngttata cttctcagtg ctttcttttt tctttttgat aagatggata tcaaaaatag 480
ttgctgtgcc aaaagtagta agccttcttc aagaagaaaa cccaatcttt ttctaataat 540
aatcctgnga aaatgcttca ttcattcatt taatttttaa gccaaaggct accaaaangct 600
gntgntttta actangaaat ttgaaatggn agnnttaaag cnttttaaaa aaag 654

```

<210> 313

<211> 656

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (656)  
 <223> n = A,T,C or G

<400> 313  
 acagttctgt cctggcatca tcattcattg tagtatggtc aatagggtgcc atgaaactca 60  
 gtagcttgct aaggacatga aaccgaagtt tcttgctttt gctggctttc ctatctactt 120  
 ttttgtaggat tttgcttcgt aacttctgga ttgcaagcca ctgccttccc atggccacct 180  
 gatcgttggg atccaaggag ctggctcttc gttctatgag ttctcgaagg agctgggtgg 240  
 aaaagtcatt atcatcaaag atttcttcat ccaagtcctt cagatgagca ttagcagggg 300  
 cttgaggaag gatctccggg tcccctggca aactctctgg gacaggctga gctgctggct 360  
 caggtttgcc aagaactcga tagacagagc gcttggtctg tgccttcca agtaatctct 420  
 ctttgnccat cagaatatgg tcgatctgag tcaaagattg aaccgttcaa angcacaaa 480  
 acccttnccc agtttttcag aaaccagtt tggctcttatc gggccatttc tgaantgtgc 540  
 cggttcctgn aaactggtaa agtcggcaaa acgctttgcc atgaacttgg aatagncttc 600  
 catntccggg tnccttttgc anggaccctt ntttgggtggg tgggtctttt tttttt 656

<210> 314  
 <211> 649  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (649)  
 <223> n = A,T,C or G

<400> 314  
 ggtacatgga ctggagctgc ctggagccca gccagagca tctcctcagt gctcatctct 60  
 atccagtcct tgatgactga gaacccttat cacaatgagc ccggctttga acaggagaga 120  
 catccaggag acagcaaaaa ctataatgaa tgtatccggc acgagaccat cagagttgca 180  
 gtctgtgaca tgatggaagg aaagtgtccc tgcctgaac ccctacgagg ggtgatggag 240  
 aagtcctttc tggagtatta cgacttctat gaggtggcct gcaaagatcg cctgcacctt 300  
 caaggccaaa ctatgcagga cccttttggg gagaagcggg gccactttga ctaccagtcc 360  
 ctcttgatgc gcctgggact gatacgtcaa gaaagtgtc gagaggctcc ataatgagaa 420  
 tgcagaaatg gactctgata gcagttcatc tgggacagag acagaccttc atgggagcct 480  
 ganggtttag accctgggtc atctcccttc cccacttaag aagtccagca gaatcctttc 540  
 cccanccan ggatgganan gcctgggnat ctcttccan aattgaagtc atcttgcaag 600  
 aaggcaagaa ccaagcagct tcgantccan ggtgtggaat gggggcctn 649

<210> 315  
 <211> 238  
 <212> DNA  
 <213> Homo sapiens

<400> 315  
 acctgcaggt ggtggcagcg ggtagccggg actcgggcgc cgcgctctac gtcttctccg 60  
 agttcaaccg gtatctcttc aactgtggag aaggcgttca gagactcatg caggagcaca 120  
 agttaaaggt tgctcgctcg gacaacatat tcttgacacg aatgcactgg tctaattgtg 180  
 ggggcttaag tggaatgatt cttactttaa aggaaccgg gcttccaaag tgtgtacc 238

<210> 316

<211> 637  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(637)  
 <223> n = A,T,C or G

<400> 316

ggtactgtgt	ttacatgggtg	agtgggtcgtt	accatccaac	agcacaaggc	acaaaaaatg	60
ggcatcaagc	aaaccatgca	taacgaggcc	tggaaaccat	caagaacagc	cacaaaagag	120
gtcactcaga	cctctgattc	aaacttctgg	tgtttgagtg	acaagcatgc	acgttttaggc	180
tctgccc aaa	tatcagggag	gattttccaat	ctccacaaga	gactgggttc	acatatggcc	240
tttctcctgg	ctgtcaaacc	accaggggttc	ctccaaaaca	aaatgagagc	agctgttttg	300
ctgatcaacc	aatcacacta	gcagttctat	ttcagtttaa	aacaaccttg	caggaataaa	360
ccacataaag	actccgtggc	taagggtctgc	tattacttac	acctaccaag	cgaacacaaa	420
cgggtggctc	ttctatggta	acgcttcact	ggcatgcaaa	ccccaaagggc	cactgaatgg	480
aatgaatcca	catgaacagc	atacctggag	caggaacatg	ccttcacaag	aagtgtcagg	540
agactaacct	gtggttgcta	acattnttgt	gangaaaanc	agggtagcag	aagggtgggt	600
tgaagnttgg	cctaatatnc	ttaccatata	tataaac			637

<210> 317  
 <211> 505  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(505)  
 <223> n = A,T,C or G

<400> 317

ggtacattgg	ccagactcat	gcacaccaca	tctgctgaca	tctccttcctg	ttctgtgtac	60
tcattcagct	gtcctgaagg	atccatctcg	aaatagacca	gctctcctcc	tgtcagggca	120
atcaccactt	gtcgtgggtt	cactgcacac	ttcacatttg	ttttctttcc	aggggtcttc	180
cactcattga	ctctcttgtc	tgctcgatg	tgccgaatgc	catctggata	gacctgcacc	240
aaggcatcat	ctcctaataa	ggagcaggac	aagggtcggg	tggtccccag	gaacccagag	300
tcagtcactt	cttctacagt	ttctccaatg	gacaacacta	gggtggcatt	cacgaaagac	360
acaatgatgt	aggcatcaaa	ctcatcttca	atgtgtcgac	gcactgtcca	nacagcgttg	420
gggttaccag	gtanctcana	aacagccatt	tctgacacct	naagtccatg	gtttaaggac	480
ttttaaanat	gatcngggnc	ccctn				505

<210> 318  
 <211> 645  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

```

<400> 318
gcgtgtcgcg gccgagggtac atacaaactg gggttctgtc aatgacaaca aggactatgt      60
gttggttcat atcaaatcca agaataattag acaaccaaacc atataacctt cttgtgggtt      120
ctcttaatat gcagcattca ttatggtagt taggtccctt cactgggttt ctgcaagtct      180
gaagttgtgt ttcttgtgtc gttgcccgca tctccaccct cagagctgct ttgttttcc      240
tcttctttgc agtctttgtc atcttcatct cctggagatt tccgggactg tttagaggat      300
ttctttgaag tatatgactt tttccgtttt gagcctgctt tttcattctt tcttttgcct      360
tttccatctt cttctactct atcaccttct tcctcactgc ttgcatctgc agtatttcca      420
ccttctcctc agtttctgaa ganctctggt gctgaattgc ctggtaccag taaactttac      480
tnctgggtat tttctatttc cacaatcctt cgttaaacc tttccgttgg ttgacttttc      540
aaactggcnt tggacctggc ccggccggcc gtcgaaaggc gaattccacc attggcggcc      600
gtactaatgg atcnacttgg ncccacctgg cgtaatatgg catan                      645

```

```

<210> 319
<211> 424
<212> DNA
<213> Homo sapiens

```

```

<400> 319
acttttccat aaagttcttag tcacttctgt tggcctgagc caccagatta tgatgttgcc      60
agaattcact caatttgaat aaagatgaac agtatttggt ttcttggttc catgaattat      120
atcagtattc taaaacatcg cttcagaaag agaactgttt atttctgcag gcttctgtc      180
cttttgtggt atggtttttt ggccttattt tcactggctt ttcttctcc aaactttgag      240
gcgtgatttc attcattgaa gaatcaatac atattttgtt tcaaaatggt tgaaacaaaa      300
gacatagatg gtagactttt attaaaacat atatggatgt ggaaagcaca tatattaatg      360
cagtcacccc ttttcaggtg ggaagagagc aaaccagttg attttttaat tcatccttag      420
tacc                                              424

```

```

<210> 320
<211> 472
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (472)
<223> n = A,T,C or G

```

```

<400> 320
acgaagtcgg gcaacaagaa agcgaggagc agcgtgtatg cccttatcct cagcaagtga      60
gaacaaggca gatcacagca ccgacacaga agatggcctt ctcccatgtg ccagcggaga      120
atccccctcc agccaaatcc tcaggaagca gagcaccaca caagcagcat ttcttggttt      180
ctcatggtca tattcaaaaag cgacttttaa atcagaaaat agaaaaagca tttgtggtag      240
gtctttttca aacccagaac acaagttggc taggaaaacg gaaagcttcc tctggcatcc      300
ctgtttggac tcctctcctt cttggaggag tttcctgaac cgacacaca tcgcttctc      360
accaagagag atgctcaact aggatctttt ttagtgtgcc agttacaaga cacatttaca      420
ggctatgttt ctaagacctc ttagtggcca acgangaagg aggttacctt cg                      472

```

```

<210> 321
<211> 588
<212> DNA
<213> Homo sapiens

```



<220>  
 <221> misc\_feature  
 <222> (1)...(588)  
 <223> n = A,T,C or G

<400> 321  
 acctacctca caggtttgtt gtgaagacta aatgaagata atgcaataaa cggctgagac 60  
 ccatgccaaag cacatggtaa aagtgtgtaa ttgcgtatta gcagcagcag ccagagcaat 120  
 agccaagggt caattaactc ccagtccagt gttcagttca tgattgtcca tgcattaaga 180  
 gccaaagcac ccccaaagcc atctcacctt gctgaagcag tctaaagtgc tcaactaagt 240  
 tgggtgcatta atctctagac cagaggtcag cagacgtttt ctgtaaaggg ccagacagca 300  
 aacatttttag gtctctgttg caactactca gctttgccct tgtgaatgaa agcagcaaga 360  
 caatatgtaa atgaatgggc cgtggcagat ttcattccaca ggggttccct gctttagact 420  
 gtgccgagag ccatangtct tgagttnaag tccaacctta ccacacttgc aanggggtgg 480  
 ctttgaccaa gtcnnggaag gnntnccaaa agtcaaggcc cttaanccct taaaaaatgg 540  
 ggaataataa tgccttcctt caagagctgg tnaacaatg gaagctgg 588

<210> 322  
 <211> 589  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 322  
 acagctaatt gaaagtatat aaaaatgtga attagtgtgg ttgcagctaa aagtatgagt 60  
 gatgtaacaa gaatgacgac gtaatgagtc aagtgggtgag actagttcta taagcaccgt 120  
 aaggagtgcc agtcctaata catgaacttc atccatccct tgtatatcaa ggaggagact 180  
 gtgggtcagag aatgtatttt gtaagctata gttaaataa attactcttc agaaatttgg 240  
 agcccaagca ggaattacag agattcctcc caacagaggc cctgagatct cccctgactg 300  
 ccaccaaaag gatccacact tgcctctgat caaccagatt caggccaagg cttanaagag 360  
 ggaggaggca gtggccagaa gccagggact cttagaggaga gaaatgatgg cagatgtggg 420  
 gttcagaaaa aacacaagac gggaaagggg aagaagggga aaaaaaggaa gaaccaccac 480  
 tgggtgangaa attgttnaan aaggccacnt ttgcttggag agtggccctt gnccttttca 540  
 ccttgctgtt gggcaaaangc tggcaagtaa agacaagggc ttaaccctn 589

<210> 323  
 <211> 582  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(582)  
 <223> n = A,T,C or G

<400> 323  
 actgcttatg taaatcgttt atttttatct catcaaagcc tggcaagtat atgcattcca 60  
 atttaccatt ggcaaagctt tattttatct taagggttga tgttgaatta attttgtggg 120  
 aaaatgagat ttgtaagtag ttttctttct agataagata acataaacca agctttcaga 180

agttaaggat	gatgaataat	attgaaatga	cttggtatat	attgtaaggg	ttcccttaag	240
tatcataatt	aacaatttgt	ggaaattgaa	aaagcataaa	ctgtgttatt	tgattaagta	300
atatgttccc	ttaaaattca	ttttgagggtg	tatgtttatac	acacagttaa	ttttgttca	360
ggaatgactt	gctcattctg	tgttttttaa	aataggaaat	aaggcatagt	gagtcacat	420
tacatcaatt	aaccnaaaaa	atatttcatn	ccctccgtca	ctggaaatta	tctacttcag	480
ncacctttct	taatcctcgt	gttaggaggg	ccccgtttat	gggcctttt	taatttccat	540
gngccatatt	gtccactacc	cggcagtagc	ccaaagctan	ct		582

&lt;210&gt; 324

&lt;211&gt; 180

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 324

acccgtcggc	ggcaccacc	aacaaccgcg	ggatcttctg	aattgtggct	agcgagcaga	60
tggttttgtg	gccgcagaat	ggcaggcgga	ccgtggcgaa	ggctctgccc	tggttgaaca	120
tttctgtcac	ttgggaaggc	aggtagctgg	tggaggccat	gagcacttcc	ccgaagtacc	180

&lt;210&gt; 325

&lt;211&gt; 575

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(575)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 325

ggtacaaata	ctgggaaaaa	cctgctcttc	tgcgttaagt	gggagacaat	gtcacaagtc	60
aaaagctctt	attcctatga	tgccccctcg	gatttcatca	atttttcata	cttggatgat	120
gaaggagata	ctcaaaacat	agattcatgg	tttgaggaga	aggccaattt	ggagaataag	180
ttactgggga	agaatggaac	tgaggggctt	tttcagggca	aaactccttt	gagaaaggct	240
aatcttcagc	aagctattgt	cacacctttg	aaaccagttg	acaacactta	ctacaaagag	300
gcagaaaaag	aaaatcttgt	ggaacaatcc	attccatcaa	atgcttggtc	ttccctggaa	360
gttgaggcag	ccatatcaag	aaaaactcca	gcccagcctc	agagaagatc	tcttaggctt	420
tctgctcaga	aggatttgga	acagaaagaa	aagcatcatg	taaaaatgaa	agcccanaga	480
rgtgccactc	ctgtaatcat	cgatgaaatt	ctaccctcta	agaaaatgaa	agtttctaac	540
acnaaaagaa	ccngangaag	aagcatgctc	atcaa			575

&lt;210&gt; 326

&lt;211&gt; 584

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(584)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 326

accagcaatc	ttagttacaa	aataatactt	ttcagtagtc	tttcttgatg	cacattttaa	60
aaccagcaca	actcctctag	tgaaatggtc	aatttccctt	aaaaaacaac	atctgaaatt	120

ataagacctg	acaaatcata	ttatatattca	atattagact	gctgtggctc	tagaacaaca	180
gaaaagcgta	actttcaaac	agcttaggga	aaaagcactg	aaatgtagat	gtcgtcaatc	240
agcctcaggc	attattgata	ctgtgccatc	cacacaccct	taagggtttt	cacagcactc	300
tgacgggtatt	atgtgtgttt	tgcaaatgac	gaatcaacag	tatgctgaat	aatcagcaat	360
gaaacacagg	agataaatta	aatgtgtttt	tccaaatgtc	agaatatcga	ggttcccagg	420
agttggcaaa	acttctcaag	gtgggccatt	cagactcang	ctgtgcnggg	ataaggcttc	480
cttaccgtan	gtgaaccggt	tgagaatatt	ggttccncac	acccnagaag	ccatttaggc	540
atatactggg	caaaaaagaa	acctgaatnn	aatgggacca	atnt		584

&lt;210&gt; 327

&lt;211&gt; 573

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 327

ggtacctctc	tgaagcacac	agaagtagcg	ccaggcagag	ggtttgaagg	atatgtattc	60
atcaagaagt	aaacgcaaat	ccaagatctc	aaccacactt	ggctcttaaa	gatccaccaa	120
cttaaccctt	atggcatgca	tatgtgactt	ctgcaagaag	caacttgaaa	acccaagaat	180
gccttgctct	accacgtccc	gcgactgcaa	actcccttcc	tctgaaacaa	gcagccacag	240
ctttataaga	aacatgccgg	catgtagtcc	atcctgggag	gggagaaatc	ttcaccactg	300
gctgcctttc	agcaagtctc	ccttgaaatc	tgccggcagt	ggaacagatc	ccagatccca	360
acgctgtagc	ttgggcgtcc	tcccaccagg	ggttccttgt	tctgaaagct	gccaccagtg	420
ttgttccgaa	agatgcctct	gcctttgtgg	ggatcatctc	cattatgcct	cctaacaggga	480
aacaggcttc	tatggaagag	aagagtccca	gccccctgac	ctttccgctt	tggtcttgga	540
ggatctgagt	cacatctgcc	atgttgccca	aag			573

&lt;210&gt; 328

&lt;211&gt; 422

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(422)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 328

ggtactatgt	tgaagcgctg	gaagaagaac	tggtttgatc	tgtggtcgga	tggtcacctg	60
atctattatg	atgaccagac	tccgcagaat	atcaaggata	aggccacat	gccaatggac	120
tgcatcaaca	tccgcacggg	gcaggaatgt	cgggatactc	agcccccgga	tggaaggtca	180
aaagactgca	tgctccagat	tgtttgtcga	gatgggaaaa	caattagtct	ttgtgcagaa	240
agcacagatg	attgcttggc	ctggaaatct	acactccaag	attctaggac	aaacacagcg	300
tatgtgggct	ctgcagtcac	gaccgatgag	acatccgtgg	tttcctcacc	tccaccatac	360
acggncatg	ctgcaccggc	ccctgagcag	gcttatggct	atggggcata	cggtgggtgcc	420
gt						422

&lt;210&gt; 329

&lt;211&gt; 467

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

<222> (1)...(467)  
 <223> n = A,T,C or G

<400> 329  
 ggtaccacta tccccacttt acagatgagg aaaaaacagg ctcaagagtg aagtcctctg 60  
 cttgcttagt atctcaaaagc taagctgcaa gcaaagatgg ggctccaagg tctgtgtgac 120  
 ctgagctctt ggttatccaa tacttcaaaa ctgtcactta ggaaagaaga gaacattttt 180  
 agaaatagga gaaaacccaa cagccacagt gattgtcaaa gagctgaggg ggcacacagc 240  
 cagggttcggg ggcaccagac cagggttcagg gccactgctg aactgccaat gccctgcccc 300  
 gccccaggag acacgcagac tccactgccc tagacgagtg gccctgctgt taataaataa 360  
 ataaaggtca ggcacaatcc tacacaaagg ccccgagaatt caaaccactg tcttgnttct 420  
 cagacttttg cttaagagcc nagtacctgc ccggggccggn cgctcga 467

<210> 330  
 <211> 595  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(595)  
 <223> n = A,T,C or G

<400> 330  
 tcgagcggcc cccgggcagg tacatggcgg ccgtcctgga atacctgaca gcggagattc 60  
 tggagctggc tggcaatgca gcgagagaca acaagaaggg acgggtcaca ccccggcaca 120  
 tcctgctggc tgtggccaat gatgaagagc tgaatcagct gctaaaagga gtcaccatag 180  
 ccagtggggg tgtgttacc cccatccacc ccgagttgct agcgaagaag cggggatcca 240  
 aaggaaagt ggaagccatc atcacaccac cccagccaa aaaggccaag tctccatccc 300  
 agaagaagcc tgtatctaaa aaagcaggag gcaagaaagg ggcccggaaa tccaagaaga 360  
 ggcaggggtga agtcagtaag gcagccagcg ccgacagcac aaccgagggc acacctgccg 420  
 acggccttcac agtcctnttc accaagagcc tcttntctgg ccagaagctg aaccttatta 480  
 cagggaaatc attaatagc cggctttgaa ggtggaggcc taaatcatcc taccaatgct 540  
 gcattgacct taaagatgac ctaggaaacac gctggagaaa aaangtggnn aggat 595

<210> 331  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(421)  
 <223> n = A,T,C or G

<400> 331  
 acccaaaaac ccccccaac gcccccaac cctcaggcgt gcctgtgagt gtgtctgtgt 60  
 gtctcactct gactaccca gacaactgac ttcagcagcc aaccttggtc attcccagaa 120  
 ccaccactgg ggggcatacg tgtggctaga ctggggggcg ccgaatatct gtctctacaa 180  
 aaaaaaaaaa aaaaattaat ggggtgtggt ggtggtgctg gcctgtggtg tcagctgctt 240  
 ggggcgctgg ggcaggagga tcacttgagc ccgagaattc aaggctacag tgagttaaga 300  
 ttacgccact gcactccatc ctgggtgaca gagcaagacc ttgtctcaag aaaaaatttt 360  
 taaatgagaa aaaaaaann aaanaaaaa aaaaaagctt gtacctcggc cngaccacg 420

c

421

<210> 332  
 <211> 616  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(616)  
 <223> n = A,T,C or G

<400> 332  
 cgaggtacca ggctacatat ctcggtcagat agctggatcc tttgataatg aaggcattgc 60  
 tattttttgca cttcagttca cataactatct atgggtaaaa tctgtaaaaa ctgggtcagat 120  
 tttttggaca atgtgctgct gcttataccta tttctatatg gtctctgctt ggggtgggta 180  
 tgtattttatc atcaatctta ttccactgca tgtattttgtg ttgttactga tgcagagata 240  
 cagcaaaaaga gtctacatag catatagcac tttctacatt gtgggttttaa tattatcaat 300  
 gcagatacct tttgtgggat tccagccaat cagaacaagt gaacacatgg cagcttgcag 360  
 gtgcttttgca ttgctgcaag ctttaancctt cttgcagtat ctgagaaccg attaccaaac 420  
 caagagttcc agaccctttc nttttggggg atactacttc agngctgggt cctanggcac 480  
 tattgntatc nggtacattg cccctggatg gcngttantc ntgggaaccg ggatncaaaa 540  
 cccntccata tgctanggnt gncctaacct acaatngggg cttttttgac aaaaanntgg 600  
 atnctctcgg gccnn 616

<210> 333  
 <211> 650  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(650)  
 <223> n = A,T,C or G

<400> 333  
 ggtgggagag ctaagtctgc attattttttt ggaatcatta attaatattgc aatcacagag 60  
 tcttcaggaa aaaggcaagt tatcagctga agaaaatccc gatgactctg aagttccatc 120  
 atcatcagga attaaactcta ccaaatccca agacaaagat gtcaatgaag gagaaacatc 180  
 agatggagtg aggaagtcag ttcacaagggt ctttgcttcc atgcttggag agaatgaaga 240  
 tgatgaggag gaagagggaag aagaggaggag ggaggaggag gaggaagaaa cacctgagca 300  
 acccactgcg ggcgatgtat ttgtattgga gatggttctc aatcgtgaaa ccaagaaaat 360  
 gatgaaagag aaaaggcctc ggagtaaact tcccagagct ctgagaggtn tnatgggtna 420  
 ancctcnntt cgttttgnnt gaagagaacg tggngaggcn aatnttgngt gcctgggaat 480  
 nataaaaaa gctcttttgg cttatggcca tcttacttta ncctgatttt agggccnagg 540  
 ngcctngaaa atcntgccnt tgagtgatgc tggccttnaa tcccngggcc cnaaaaaggg 600  
 ttnactggcn aatttttggg nagcctttta ancggttttt ttgnttcaan 650

<210> 334  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G

<400> 334  
 tgntatctga gaattcgccct ttcgagcggc gccgggcagg tacagattaa cttaacacaa 60  
 aaacccgaac ttcaaaatga aggtgtgtgg aggaaagggtg ctgctgggtc tccctacaac 120  
 tgttcatttc tttgtggggc agggggtagt tcctgaatgg ctgtgggtcca atgactaatg 180  
 taaaacaaaa acagaaacaa aaaaaacaag gaactgtcat ttccacgaaa gcacagcggc 240  
 agtgattcta gcaggcctca gggccctggg cctggggagg ctacatgagg gggagcctca 300  
 gtcacaggat caacctgggg cccgaaggag cagggttccc tgccctctccc tctgcaacag 360  
 atcatcccat ccaacacaac ccccaaaatg ttgatgatga cgcaacatgg tcaaccctna 420  
 agacctttta gaccaaacag agcagcatag gaaaaaaaaa accaaacgca ccaatttctg 480  
 catgtgtcaa tggtagggca ccatttttnaa aaagtgtggc ttaaacaagc tggctttact 540  
 tgganggacc taatnccaag ctttaattcct ttgggtaangg aaaaaaccct tgaacccenn 600  
 tctnagctta aantcttaag gttaagtccn aaccanttaa aacnttctgg gttnccectt 660  
 tccaagnttn aagccccctt tccctnaac ctggggattg ggggnaattn accnggncnt 720  
 ttaaatttcc gngg 734

<210> 335  
 <211> 492  
 <212> DNA  
 <213> Homo sapiens

<400> 335  
 acatccttca ccaccatgga atatttttagt ctatgtagtc aaagtcttct ggaattccaa 60  
 aagttctatc aattttatct tcttcaaacc caaattttct tttggcccaa gattttattg 120  
 cgaatatgtt atgtatttct tccacaactt gccgatcaca gtctttgtat ttttctactt 180  
 ctgccttttag ctgttccctt tggctctcgaa gtgaagaaag ctcttttgct agcctggctt 240  
 gctcttcogt ttcacatcgg ccaatttttag ctttctcaat gcttttctgt aggcttgcat 300  
 gcttttgact tccctcagac aactgagatt ccagaacctc caacttatgt ttccttgcat 360  
 gaagagcttt acttggaata gccaataat aattagaagt tccgatcctc tcacagtcaa 420  
 ccataccatc atcaactaag ctttgaaggga cttcttttac tgacatagca gtaatgcctt 480  
 tctctttggg gg 492

<210> 336  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 336  
 ggtacatata aatgaatctg gtgttgggga aaccttcacg tgaaacccac agatgtctct 60  
 ggggcagatc cccactgtcc taccagttgc cctagcccag actctgagct gctcaccgga 120  
 gtcattggga aggaaaagtg gagaaatggc aagtctagag tctcagaaac tcccctgggg 180  
 gtttcacctg ggccctggag gaattcagct cagcttcttc ctagggtcaa gccccccaca 240  
 ccttttcccc aaccacagag aacaagagtt tgttctgttc tgggggacag agaaggcgct 300  
 tccaacttca tactggcagg aggggtgagga ggttcactga gcttcccaga tctccactgc 360

ggggagacag	aagcctggac	ttttgccc	cctgtggccc	tggagggtcc	cggttggtca	420
attcttgggtg	ctcttngngt	tccagaagca	agccggaagt	ttgaaagaaa	gggaaccttg	480
ggaatnaagg	ggtgcttggg	tattaanccn	naaaagggat	tggggttcct	gnttccaang	540
ggancctttt	ggcctttctt	tttggncctt	tncttaaggc	cccaggccct	nggggtttgg	600
accttngccc	cggngggccc	aagggggcna	aattcccacc	ncanttgggg	ggcccgggtac	660
ttaangggga	atcccaactt	tgggncccca	aactttnggg	gnaaancntn	gggcaaaaac	720
tggtttcctn	gg					732

<210> 337  
 <211> 642  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(642)  
 <223> n = A,T,C or G

ggtacaacag	tagaagaagc	aacaacaata	gtaaagccac	aggaaattat	gttggacaat	60
atagaagacc	cttctcagga	ggatctttgc	agtgttggtc	aatctggaga	aagtgaggag	120
gaagagggaac	aagataccct	tgaactggag	ctagttttgg	aaaggaaaaa	agcagagttg	180
cgagccttgg	aggaaggaga	tggtagtgtg	tcagggttcta	gtccacgttc	tgatatcagc	240
cagccagcat	ctcaagatgg	aatgcgtagg	cttatgtcta	aaaggaggaaa	atggaagatg	300
tttgttcgag	ctaccagtc	agaatctacc	agttaggagtt	ctagtaaaac	tggaacgaaga	360
tctccagaaa	atggagaaaac	tgcaattgggt	gctgaaaaat	tcagaaaaaa	tagatgagaa	420
ttcagataag	agatggaagt	agaagaatct	tcagagaaat	taaagtcctg	ccnggccgnc	480
gttcnaangg	cnaattncac	acctggcgcc	cgtctagtgg	attccacttg	gtcccaactt	540
gcgnatctgg	gatactggtt	cttggnga	tgtntccgtt	acaatcncnc	acttcaancc	600
ggagcttaan	gtaaacttgg	ggcntannag	tgctnactcc	tt		642

<210> 338  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

acataaacac	acgcatatca	caagtctagt	caagaaagaa	atacatagaa	aaacaagata	60
gaatttttaa	aataatttgc	aagggaagtt	ctcaatgctt	cagttctaaa	atattgtctt	120
cttttagaaa	aatttaagac	tggataaaca	gattgttttt	cctgcaatgc	tgtaattact	180
gcaaatttat	cagcaaagag	gtaaacagca	atgcaatttt	tccttaagct	tgaatacata	240
aggaacaat	aaagaaacct	gattagacct	gaactaatta	aaagtcacac	cagtaatttt	300
caggccagct	ctggtctcca	ggtagaattc	caggacaggt	ttgnatcact	gggtccattc	360
ccaacaggct	ggataggaga	gtctggagta	attataagga	taccaccttc	ttctatcctg	420
ggctgccgac	tggcattggg	cttcacattc	ccagaatacc	ttctgngnga	ataggccctt	480
ttcaggggga	ccnggaagga	aggaaaaagg	gggctntggg	aaacatnggg	ggattctttg	540
gnaaaatttc	tggcctggaa	tngtggcnaa	cctttggggc	ttggggtnn	ggaaaatgtc	600
caaggganct	ttaangggnc	ccttngaact	cggagggnaa	aatttaacct	ctangggccc	660

ttgggttnaa aaagggcttt atttggggga cccgggttnc ccttgnaaaa aatgccncca 720  
ann 723

<210> 339  
<211> 356  
<212> DNA  
<213> Homo sapiens

<400> 339  
acaatagtgt aaaggtggtt tttaaaaaca tagccagggtg tgggtggcagc tgcctttagt 60  
tccagctact caggaggcta aggcaggagg attgcttgag cccaggctgt gtggttcacc 120  
ataattgtgt ttgtgactag ctactgcact ccaacctggg caacatagtg ggacttcac 180  
tctaaaacaa aacaaaacaa aattacactt aagcactatt gtttaatttt taattgtcag 240  
tttatcatta ttttgggtaa gacattctgg ggtttcttga atcttgtcca aaaaccagtt 300  
gttttggaat attgctttaa attgagcata tttatgtata ttggataaaa atgtcc 356

<210> 340  
<211> 502  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(502)  
<223> n = A,T,C or G

<400> 340  
caggtagaat taactgtcac acagtcagat ataattcact ctgatgaggc cagagaaaga 60  
aaacaaggca aagaaagggc tcatcttgct cctttaggta atatccaaat atcccagcac 120  
ggaaaccatc ttttcctcaa aggttatcta cacacgtggc ctgagaagaa aggcagtaag 180  
cctttgggga gttggggaga aggaaggaaa agaaaacagg aggaggaaaa aggaagacct 240  
cttttctgaa ccacaaatgc ctcatgctgc gcactccaag ctgaaatata gtatggtagg 300  
tattctaagg gggaaaaaaa caactacatt tctttcctat tactgattcc tctctgcttc 360  
acagacccag ctcggccaaag tggaaaacgg ctgccatgag ttctgcagaa gctgcatgtc 420  
ttgccctggc agtctgaagg tgaagcangc ttcanagggt gacagctcaa ggagaattcc 480  
cagaggncnc cnaaaagccc cc 502

<210> 341  
<211> 243  
<212> DNA  
<213> Homo sapiens

<400> 341  
acatcatcac cttcttggtc aagttttcca tccaacttaa ttttaggatt ctccggacaa 60  
tcaacatttt cactgcttct tgctgcaatt ttctgttttg gattttcagt caccctcgttt 120  
tgggcttcca ctgctgactt tctgtcagta gactttacct gctcttcttc cttaatttca 180  
cttaaatctg tggtctgata cgttaactct tttttaacat ctttaagggt ttctacgggt 240  
acc 243

<210> 342  
<211> 669  
<212> DNA  
<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

```

<400> 342
tgagggtcaag cttttttttt tttttttttt ttttttttca gctttgttgt agttganatt 60
ctgatgttca cctaacaaag tccctgacaa aacagacttc cttcaatcca ggtcataatt 120
tgaaacgtta tacaataatg agattttaagt gatgaatgga aagaaaagaa ggagactgaa 180
aagatatcag aaattttctat tngtttttag attcagaaaa atataattac aggccaacat 240
gggtntgaca gagaggaagg acgtcagcag ttacttgaat gtaacccctt cccagcattt 300
ccaaagacct gcaatgngct cattgngatc caagggcctt gntacctagt ttctaggnga 360
tctacagant tgaacaacc cagcacaact ttatttcttg gagaagatga acccttaact 420
ntgaaggtgc ntaaaggaaa tnttnaactg gtcacttcca tgggtccggg ttcaaagcca 480
caatcnttcc gattaaanta aaacctggga naaaagccaa cggngggcaa ncaaacgggn 540
gggattctac ntttggtaac ccattgaacc ggggggcttcn ttttaaanan gtgntcattg 600
gtttgggttt anaacctaaa nccccctttt tnaaaaaant ggtgnaaatt ttccnctnt 660
aaccgggtt

```

<210> 343  
 <211> 500  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(500)  
 <223> n = A,T,C or G

```

<400> 343
ggtacagggc agtgacatga gctttgacaa acagttcatg ctaggagtag agactgtgtc 60
ccaggactga gggatctgcc taagatcaag ggaaaaatct gaaagactcg tcctaacaaa 120
gtgtaaaaact aaggttttat aagttcaagg gaactgacta ctgattagct gccagtgaag 180
acaaaaatca acactctcag gtaacagaaa tcagaattgc tacaatgcat caccaacaat 240
gtccagctta caatttttaa ggacgactaa ataggagact cccagtttct agtctggcac 300
ataaggagggt cggcagtcac cacttcattc taacaagtaa aaagctgaac aaactaaaaa 360
atcaacaact cagccgggtg tgggtggctc cgctgtaat cccagcagtt tgggagggtg 420
aggcaggcgg atcatgaggt caggantttg agaccagtct ggcccacatg gnaaaacccc 480
ggtctactta aanataaaaa

```

<210> 344  
 <211> 483  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(483)  
 <223> n = A,T,C or G

```

<400> 344
ggtacttcgg caaaaaacag gagcccattg tgacaggcat ctggcatcac taciaaggac 60

```

ccctggggct	ccatggcaac	caggcaggca	ctaaggatag	aaggagagtc	tgcggcagag	120
attccacaca	tccggcacac	atccttgagc	tttttgctga	ttgtctgtag	tgaacattct	180
ccaaggagga	tactccaatc	tttaagctcc	ccatggccaa	gacgcccag	tcgcccgaat	240
acaactctcc	agggtagaga	tgctatttgg	acaatcccta	tgcaccactc	ccataacttc	300
tgtagtccaa	ttttacgtgc	agatacttta	ctcctccgtg	acctaacaaa	taaagaaatg	360
gggaaggggg	aggggtccct	agataaatca	gagttattta	tcacttataa	gaccaacact	420
agaaatttcc	aagaacctat	ccatgctgna	cctgccnggc	ngccgtnnaa	aggcgaantc	480
agc						483

<210> 345  
 <211> 667  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(667)  
 <223> n = A,T,C or G

<400> 345						
ggtacaggag	agaaggctct	tatgaccgat	acctacgaat	ggatgactat	tgcaggagaa	60
aggatgactc	ttattttgac	cgttacagag	atagctttga	tggacggggc	cctccaggcc	120
cagaaagtca	gtctcgtgca	aaagagcgtt	tgaaacgtaa	ggaacggcgt	agagaagagc	180
tttatcgtca	atattttgag	gaaatccaga	gacgctttga	tgccgaaagg	cccgttgatt	240
gttctgtgat	tgtgggtcaac	aaacagacaa	aagactatgc	tgagtctgtg	gggcggaagg	300
tgcgagacct	gggcatggta	gtggacttga	tcttccttaa	cacagaagtg	tactgtcac	360
aagccttgga	ggatgttagc	aggggaggtt	ctccttttgc	tattgncatc	accacaaca	420
ccagatcacc	gntcctgcac	aggtcaacat	catgtttgga	accccgnaag	aaccttgnaa	480
catgccccaa	gncnatgcca	tggtgctggt	ggccanaaat	ttttagccgt	tccaggaatt	540
aattcccgga	anaaggaacc	tnagggnaat	gccnaaccgg	ccntcaaan	gcccatgaaa	600
ccttcttgcg	gaaaaaaaaa	gggggcctna	ggaggggatcc	ttggggcccc	tttaancntt	660
caancnn						667

<210> 346  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 346						
actgaactac	ttcattacca	actcggccca	gatattgaca	tgctgatga	taacaaaaga	60
attagaaggg	tgctgtctct	gggtggaagag	ggctgtgaag	atcgaattct	ggtagcacat	120
gacatacata	cgaaaacccg	gctgatgaaa	tatggagggtc	acggctattc	tcatatactc	180
accaatgttg	ttcctaaaaat	gttgctgaga	ggcataactg	agaatgtgct	tgataagatt	240
ctaatagaga	accctaagca	atggctaact	ttcaaatagg	atggttgctt	atgaattcac	300
accttgagta	taaaacttgc	agagaacatt	cagcgatttc	cagtcactg	tgagatatta	360
atcagttacc	taggaactaat	gacagatcat	ttccttctga	tgagaactag	gaggggtttg	420
ccttctctga	gaccagcta	ttacaactgg	gccctntaag	ggaggtaact	aagcctaaat	480
tgagccccta	ataatttnaa	cttaacccaa	anttaattnc	cgggaanttc	cttngggccg	540

ggaaaccacn	ccttaagggg	ccnaaatctc	cagcnccaac	ttgggcgggg	ccggttactt	600
aanggggaat	ncccaaaact	tggggncccc	aaanccttgg	gcggaaaacc	atngggccct	660
aaacctnggn	tnccccnggg	nggaaaaatn	ggnaattccc	ggtttnanaa	atttccccnn	720
ccaanntttt	tcnaaacc	ggnaagccnt	taaa			754

&lt;210&gt; 347

&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 347

accgtctcga	tcattctgctt	cccttgggct	gagagctcca	ggggtgactc	gaaggtgacc	60
ctataaggag	tcattgaggtt	cctgaggttc	tggaaacagct	tctctccatt	ggggttcccc	120
agaatgtagc	agcccatgat	gtggatgacg	ttcggtctcg	ggttcacttt	gtcatcagg	180
cggctcagcc	gcttccagaa	gtgaatcatg	tcctcttctt	tctccacttt	ggcaaagggtg	240
gccaccttgt	tcttgaggag	atagaggtgt	ccaggacctc	cctggcagaa	aatcagcatt	300
ttccagatct	tggtccctt	gtggtagacg	ttcagcttcc	tctctatctc	ctcaaggatg	360
tcctcgaagg	ttgcgtgctc	atgggtccgta	gaggatgggg	atgatggagg	ggcatcccc	420
ggcggatgat	agtggggatg	tacc				444

&lt;210&gt; 348

&lt;211&gt; 693

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(693)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 348

ggtactttta	gaccctttgc	cttaaagtag	tataccaaca	cagactttat	agtatgttta	60
aaaatcccaa	ctgcaagata	cacaggatgc	tgtaggcctg	atttctgtt	gtagaacctc	120
cagccctgtg	ttgaatgagg	aggtgcaaat	atatagaccc	ttaagatcag	accacagcag	180
gcattcaggt	ggaggggatg	aactccattc	attccagctg	tgcatgggga	catctgcgcc	240
ctccgcatct	cggctcattc	ctcatctgag	ccactcaaga	gggcggtctg	gtaagtgtca	300
tctgaattca	gcttctgaat	tccaatgatt	tctcccttct	cgtgtctctt	catccgagtc	360
aaaaggcagt	aaacaagaga	atagttgacg	gccacaatgc	tgaaggcagc	aggtagtgcc	420
agcagaaaca	catggtgatg	aacatgaagg	tggcatcatc	cttctgggcc	attcnggtgg	480
tncaaaaagg	gggaacngga	caaaccncaa	ttttgccnaa	ccangttccn	tgnaaaatga	540
ttaaactggg	tccggaaaaa	gttccagcnc	aatggnggtc	ccggaaaanat	cncntttng	600
ggggantctt	acnccnccct	ttgaaaaggg	ctttccncng	gaatgaannng	aatnncttgg	660
nccaacggaa	ggcccgtttg	nggcntngta	atn			693

&lt;210&gt; 349

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 349

cgaggtagat	tctctaaaaa	ttgttactga	ctggtaagaa	atagacctga	gtttttatct	60
ctaaccacca	atcactaaac	cacggcagca	agcactggcc	accgatttaa	tggattacga	120
cacaggaaac	cccatcaggg	ttctatgtaa	tttagtgata	ctcatgtcac	taatattgag	180

cattatactt	gatctgcatt	atattgttga	tatgcagagg	ctaaactagt	catcatttgc	240
tctttcatct	atcagtagag	tccaaagtgt	tttgcttgaa	tggactacat	gttaaaggt	299

<210> 350  
 <211> 622  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(622)  
 <223> n = A,T,C or G

<400> 350						
actgtttacc	agatctttgc	agatgaggtg	cttggttcan	gccagttngg	catcgtttat	60
ggaggaaaac	atannaagac	tgggagggat	gtggctatta	aagtaattga	taagatgaga	120
ttccccacaa	aacangaaag	tcaactccnt	aatgaagtgg	ctatnttaca	gaatntgcac	180
catcctggga	ttgtaaacct	ggaatgtatg	tttgaaaccc	canaacgagt	ctttgtagta	240
atggaaaagc	tgcatggaga	tatgttgga	atgattctat	ccnnngagaa	aantctggct	300
tccagaacga	attactnaat	ncatgntcac	acagatactt	tgangccttt	gaggaatctg	360
cattttaaga	aatattgggtg	cnctgggnatt	taatanncna	aaaagggtcg	cttgcacaa	420
tagaanccat	tncttaggtt	aagctngtat	nactntgnat	tgacccctc	atttgengaa	480
atgtcnttcn	ngnnaactnt	ggtacggaac	tcctccatnc	ttatcccngn	aagttntccn	540
gagccanagg	gtncnacnt	atcctatana	nnagntcnnt	cnggacntna	tcnnctttng	600
ggnnccntag	tggtcccttn	cc				622

<210> 351  
 <211> 574  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(574)  
 <223> n = A,T,C or G

<400> 351						
gctttaacaa	tagcagcaga	caaagggtcac	tacaaatttt	gtgaactcct	gattcatagg	60
ggagcccaca	ttgatgttcg	taacaaaaag	ggaaatacgc	cactttggct	ggcatccaat	120
ggaggtcatt	ttgatgttgt	gcagttgcta	gtgcaagcag	gtgctgatgt	ggatgcagca	180
gataaccgga	aaatcacacc	tcttatgtca	gcatttcgca	agggctcatgt	aaaagttggt	240
caatatttgg	taaaggaagt	aaatcagttc	ccttctgata	tagaatgcat	gagatacata	300
gcaacaatta	cagataagga	actgntgaaa	aaatgtcatc	aatgtgtcga	aaccatttgt	360
aangctaaaa	gaccacaagc	tgcaaaaagca	aataaaatgc	cagtnctctt	taaggaaactt	420
gatctggaaa	agtcaganaa	agacngaaac	agctttgtgt	aaagagaaaa	gaangaaaga	480
gnaagaatag	agaccgaagg	actgagaata	naacactagg	atcgactcca	gtaataagga	540
ttaattgnaa	ntctaacttt	nccctcatga	ttgn			574

<210> 352  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

```

<400> 352
ggtacataat attccagtag gaaactgctt ccaagtttaa gcatgagctc cccaaactgg      60
agaaaacata ttttgctatt ctgagacaac aatcagaata cagactttgg attccaggctc      120
acagtttgct ttttagacaa ggtaaagcaa agaaagccac attgtgccat cttcagctcc      180
agtggcttta gcagtgactg tttgacataa aacatgtaag aattgcttgt tgggaagagt      240
gcttttaggga cccactgttt tcatttcttc ttggagttaa ccttgtttca gatgcagcca      300
tgggtagggtc agagatggac tggtggtgca ataaacccaa gaatcaatgt agcctcttaa      360
tcccatcaag atgtagtttg tagcagcaaa agtgtacct                               399

```

```

<210> 353
<211> 727
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

```

```

<400> 353
ggtactttta cccattttcca gttccacctt tactttatca agtggaaactt tctgtgggag      60
gacagcaatt taatggcaaa ggaaagacaa gacaggctgc gaaacacgat gctgctgccca      120
aagcgttgag gatcctgcag aatgagcccc tgccagagag gctggagggtg aatggaagag      180
aatccgaaga agaaaatctc aataaatctg aaataagtca agtgtttgag attgcactta      240
aacggaactt gcctgtgaat ttcgagggtgg cccggggagag tggcccacccc cacatgaaga      300
actttgtgac caagggtttcg gttggggagt ttgtggggga aggtgaaggga aaaagcaaga      360
agattttcaaa gaaaaatgcc cgccatagct gntcctgagg agctgaagaa agtaccgncc      420
ctggccttgn ttggaccgaa gttaaggcct anaatccaaa tgaaanaccn aaanccccctt      480
ggtncaanag cncagacccc anggccccat aatttttttg ccncngggggg attcaaatnn      540
ccnttttaan ccncgacttg ggncncncaa attcncgccn gggggccnaaa naaaggggta      600
naaaggggan ccccaanagt tacccttgnc ccngggcnng ggnccgtttt tnaaaanggg      660
gtcnaaannt cccatntcnc attggggggg gcccgttttc ttaggggggaa tcccgagctt      720
tgggggnc                               727

```

```

<210> 354
<211> 411
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

```

```

<400> 354
ggtaccatag gtcattttctg gccgatagtc tgaatttaca gcccattgct ggtgaaagtt      60
tagtaatttt aaattgtttc tgtgagccca tgtaacactg acaaaattct ccatttcctt      120
ttccttcata ccattctaata acaaagtttt ggattttaga accattgtca ctagggtgctt      180
tccattgcaa agtgagtgaat tttttggtcc gattggctat ccttggtgga ttaggtatat      240
caggttcaca gctcaagggtg gtaaaagatt cagcctctga aggagttccc tttatagaat      300
tatattctgc ctggactttt gcatggtaat catggctgg cttgagatca tttaaagtga      360
tatttgnttc ttctctacat atacactttt ggattttcca tcttttccag t                               411

```

<210> 355  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 355  
 ggtacttttc tctatctgat tcagccattt ctgccagagg gaaaagggtcg gcagaaaaga 60  
 tgtattgagt gaatagttaa ggataggatc tttgtccaaa aatttcagaa agattgagca 120  
 aatctgacgt attcattgag tgagtttctg tgttttcaaa ggtggaggag aaatttgtgc 180  
 tggaagtttt taagcctccg ttttcttgga aatcagtcctg taacactggc aagtcttaag 240  
 atagtcccgt ttagactttg cagatgctga acctggctct gtaacgctgg gaagtcttaa 300  
 gatagtcctg ttttagacttt gcaaaccctg t 331

<210> 356  
 <211> 678  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(678)  
 <223> n = A,T,C or G

<400> 356  
 ggtacttttt aattcagcac cttttcaaaa tatgtgctgg gatggattct tcttagggaa 60  
 agccccatat agaattctca ttttggagca tcatttttat atgctatctc cccagtgtat 120  
 cttctcaata tttataacac tttatgaaat aaatattggg ttgcctgtaa gaagagaaaa 180  
 atatatgctct ttctgagaaa gagcatttgg cttgcagttt acagcaagag ctgaaattag 240  
 agaccatagg gatttccaag accaatttga ccagaaatac aaaaattctg atgtcaaaaa 300  
 ccctctcaca aaattttaaca ggtagaaaatt attttagcag tatagcctga aatccagtgc 360  
 aacaaaaatg natcccaatt ctatgatatg ncataagtat gntctcttan ctggcttnc 420  
 ttacttggtc ctactcccta cttggacctt tngggaagaa aatggctcggc ccaancccat 480  
 ctttcaaat tttnaattcc ttaatatgga acccttagcc atggaataac caggggcntt 540  
 aaagttcccc ccattttaat aatgnccctt aatntggnaa anggcttgaa ancctggnc 600  
 aaagggtctg ggtcttttaa gccctttgaa gggttaacct caaaaggggg aaaaaacct 660  
 ttttttttta agttgggg 678

<210> 357  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(414)  
 <223> n = A,T,C or G

<400> 357  
 acaccgagaa ccataatgaa aaaaccttcc gtgtgttttg tcatgttttg ttccagggaa 60  
 gcagttgatg agtgctgtta ctaatgcttt ctcccagatc cattcagtgg tggagaggag 120  
 gaaaatgggc tggttggatg tggcttgggt gccttgagc tactctgcac tggttatgca 180  
 ttttaattctc ctcttttcta gtttaacctt tgccagtggg ttttccatag tctgggtatt 240  
 tgtccttata tcagttatac cacctaaggg aactgggtgc aaaatgcatt ctgttcactc 300

actgtctggg	ccttccccac	cctagtcttg	gcacattcct	tcaagaatgt	agttaccgtc	360
tgcttgggaa	gatgtcagtg	caaagtgtga	gataatgggc	atcggnaaac	ccct	414

<210> 358  
 <211> 633  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(633)  
 <223> n = A,T,C or G

<400> 358						
cgaggggtact	tcaaagaaag	tcaaateccta	agcctgcccc	ggcccaaaga	caaagccagc	60
caggacctga	ccacctgtat	cctcttggtg	gcaatctgct	gaagccagat	gagttctgct	120
ttttaattcc	aatcctattc	tgccactgaa	actaggcctg	ggcaaccact	cttaatcatt	180
aacatatcaa	aaggagtatc	tcctctgaga	aaagagcttt	tctcagggtc	tagaagctag	240
cttttacaaa	agacgtcttc	aaataggggc	cgggtgcagt	ggctcacgcc	tataattttg	300
gcacttttagg	aggctgaggt	gggaggattg	cttgaggcca	ggagtccaag	accagcctgg	360
acaacgtagt	gaaacatcta	ttctaccaca	aaaattttaaa	aaaggaaaaa	attatgtcct	420
aaaatattaa	anggnccatta	aaanggccca	ctngaacttg	gaactttggg	gaatctagtg	480
caacaacccc	ttgccggana	gaagaanctt	naaccagctn	ttgaattgcc	nggtcaaaant	540
ggtttatatt	aaaaccgata	ccactttttt	ataatccttt	ggnaaatnaa	ctgtaagccn	600
tttttccttg	aacggaccnt	gcctgccccaa	ttt			633

<210> 359  
 <211> 635  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(635)  
 <223> n = A,T,C or G

<400> 359						
acagattctt	ttagaagctg	gggcagatcc	taatgcaact	actttagaag	aaacgacacc	60
attgttttta	gctgttgaaa	atggacagat	agatgtgtta	aggctgttgc	ttcaacacgg	120
agcaaagtgt	aatggatccc	attctatgtg	tggatggaac	tccttgccacc	aggcttcttt	180
tcaggaaaaat	gctgagatca	taaaattgct	tcttanaaaa	ggagcanaca	agaaatgcca	240
ggatgacttt	ggaatcacac	ctttatttgt	ggctgctcag	tatggcaagc	tagaaagctt	300
gagcatactt	atttcacatc	gtgcaaatgt	caattgtcaa	gccttggaca	aagctacacc	360
cttgtcattg	ctgctcaaga	gggacacacc	aaatgtgttg	agcttttgct	ctccagtggg	420
gcagatcctg	atctttactg	naatgangac	agttggcagt	ttcccnatca	tgccagnttg	480
cccaaantngg	gcctncaaaa	aatcttggac	ttggtaatnc	cccttaactn	accgggncct	540
gggacccttg	gcttaaccaa	agtnagnctt	tgtaatttaa	naaaggtttg	ggggncctga	600
aaantgcttn	naantnttct	ccggaatggg	ttcng			635

<210> 360  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(403)  
 <223> n = A,T,C or G

<400> 360  
 aggtgaaaagt tcaccgagtg gtgctatggg cctgtccggg tgtcgctgta tgacctggct 60  
 tctgtggaca gctgtgagga gaactcagtg ctggagatca ttgcctttca ttgcaagagc 120  
 ccgcaccgac accgaatggg cgttttggag cccctgaaca aactgctgca ggcgaaatgg 180  
 gatctgctca tccccaaagt cttcttaaac ttcctgtgta atctgatcta catgttcac 240  
 ttcaccgctg ttgcctacca tcagcctacc ctgaagaagc aggccgccct cacctgaaag 300  
 cggagggttg aaactccatg ctgctgacgg gccacatcct tatcctgcta ggggggatct 360  
 acctcctcgt gggccaactg tggtagctng ggccggacca cgc 403

<210> 361  
 <211> 631  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(631)  
 <223> n = A,T,C or G

<400> 361  
 ggtacaagct tttttttttt tttttttttt tttttttttt cgttttttaa aactcggggt 60  
 ttatncaata gaatgttttn tagcanatgc ctnttgtttt aatatattaa aattttgcaa 120  
 agccttttga gctactgcct tagtctaccc actgtccttt ngttatgagg tanaggatnt 180  
 catgacacca tacacacaaa cccatcattg cctgtgaatg cacgtagggc canaattcct 240  
 cagttccccg tcctctgagg gttgatactg ctgggaatgc caaccantnc acaagcanag 300  
 ggaagccccc tcaggcctnc aggaggagcc gcagcagggg gtccaattna aaccagcngc 360  
 aaaagagcct gacattttcc catccatnta tgaggaaagc cattttacag aacntggaca 420  
 tagggcactt gnttttccca cacnaanggg atgggaatnt tctacctata gncattcctt 480  
 gnactttctg anttactcan gaccanggnc caactaaang gcaaaaccct tttggntcct 540  
 taaccagaaa agcantnctn nggactgggg acctnccgg gnggccttt aaaggngaag 600  
 ttcennnntt ggggcggtnt aggggaccan g 631

<210> 362  
 <211> 660  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(660)  
 <223> n = A,T,C or G

<400> 362  
 ncnggtacct canttgnctg cttacgctnn anccagcatg tgtgagctag gtcatttnct 60  
 gcaagccagg caaccacacc agngtataa cctcaagcaa atgtnactcc naagcccnan 120  
 atgggactaa ggcctttgct gggctaggcg tgggtgtaaa cccangcctg naagctnnta 180  
 cccaaccnta attagtntca ncttactntc aatatgtgca tantttcata aagcacacat 240



tnncatgagg	aaaagangat	ggtggtgaaa	gggnaggggt	gangggacat	nttcaagtca	300
canaggctgn	anaactcagc	atgacttggtg	gacggaccac	aggncatnca	gggnnacaac	360
acngacataa	ctcaaccagt	ggtnaacngn	tctaaaccag	ggtnaacagg	agangggacc	420
aaangnaact	tcctggattt	ngctgcaagt	ttaaaaagata	agttctacct	tagctttaag	480
cttagncctt	tatgggggca	aaaaaanggn	aaagtcaatt	cttgccncaa	atccaagctt	540
gggccngcca	aaaaagggaa	atnggggttn	ttagggccca	aaacctnaat	tgagntccca	600
aggnttcaag	gcccaggcaa	attgnaaagt	tcctgccttn	aaagcttggn	ccaataaaaa	660

<210> 363  
 <211> 486  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(486)  
 <223> n = A,T,C or G

<400> 363						60
ggtaccttca	accttctcta	ttttaatctg	aggggaaatt	aagagaatct	caaaagttac	120
tacagagttt	gggtaggcta	gatacattta	ttaatagtaa	aagcaaccat	ggcaaaagca	180
accatactca	ttcttgataa	tgaaaggatc	ttctatatac	aaacctagca	aattaaaaaa	240
aaatactaaa	acaaagtgtc	tgaagataat	gaaaggcagt	tcaattcatg	taatgtcaag	300
taactttcaa	ttgtaataga	atcattttata	ttcttatagt	gccttacagc	atattttatc	360
gttaatgaga	aaatgaacca	aaactatagt	gctaaccctg	aaaccttaaa	ccgaacctta	420
caaaagttaaa	gactaagtgt	tggtcagaag	gaaaaggatg	caccatgcat	cttcacaggg	480
aaaaatgaaa	atagcnaaga	tggcagaaat	gcctgaactc	atgggtacct	gcccggcggc	486
cgttng						

<210> 364  
 <211> 686  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

<400> 364						60
ggtgctcgga	ataacttcct	gcagcgacca	acaggctaaa	gagggggaag	gtctggaggg	120
atccagcacc	ggctcctcct	ccggcaacca	cggtggggagc	ggcgaggagaa	atggacataa	180
acccgggtgt	gaaaagccag	ggaatgaagc	ccgcggggagc	ggggaatctg	ggattcagaa	240
ctctgagacg	tctcctggga	tgtttaactt	tgacactttc	tggaagaatt	ttaaatccaa	300
gctggggtttc	atcaactggg	atgccataaa	caagaaccag	gtcccgcgcc	ccagcaccgc	360
agccctcctc	tacttcagcc	gactctggga	ggatttcaaa	cagaacactc	ctttcctcaa	420
ctggaaagca	attattgagg	gtgccgaccg	cgctcatcact	gcagaaaccg	tgcaaggcag	480
aaccgatca	gaactaccaa	ttccaccagc	atgccgtatt	cccacttggc	ttattgggtg	540
ggaaatacct	tgccngggcn	ggnccgttca	aangggcgna	anttccagct	cacttggccg	600
gccggtactt	aatggggatc	cnaaactttg	gnaccccaaa	cnttggggcg	nnaatncatn	660
gggcaaaaat	tggntnncnc	tgggggnaaa	atggtaatnc	cggttcacia	nttcccccca	686
attttctann	cccggaaagct	taaagg				

<210> 365  
 <211> 639  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(639)  
 <223> n = A,T,C or G

<400> 365  
 ggtacatcct aaagcattct ggtacaaatg aaatggaact gcctcttggt ggtctatttc 60  
 agaagtctgt tgtcagagtt cagttcacag gcatcaacca gaagcctagt gaggccgttt 120  
 gaaattcttg cccagattaa ttttttaaag ctgcatttgg agctttttta agtcgagctg 180  
 tttccaaagg cttaactgaa gagtaactga tttcactgga aataaaaagtc cacatgtgat 240  
 cccagctgga gtgtggtcat atttttcttg caaacctaga atgtcttggg gaacaaacgg 300  
 ctgtcacgtg tccccctcca aaaatgtctt aaacaccgga aaggagggca ggctaagggtg 360  
 tagcccttcc caccctgggt gccagggttg ggggtgctat aagtgaata tcaaagcttg 420  
 aggcactaat attctgaatt tcagcctcaa agganggann gtntcnngaa tcnangaagg 480  
 aggggaagga cccaganacg gggaatggcc tggatgggat naatccanna cntggggnaa 540  
 agctggtttc ctgaataatg nggtcntggg gaccttgccc ggccggnctg tcnaaaggca 600  
 attccacccc atggnnggcc gttactaagg ggnccgcgn 639

<210> 366  
 <211> 586  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(586)  
 <223> n = A,T,C or G

<400> 366  
 cgaggtacaa aattgcagat agtggcttac tgagtttaag atcaagatca gacttaaact 60  
 caacaagatc accaaaggta tttctactga gttttcctat gtcccacagt aagctgggtt 120  
 agagagaact caaatcctg atggaaaaca aaaccgaaca aaaaaactag aaaaaaaagg 180  
 tgtaaaaaat gctgtgtaag ttgctgcaaa aggggaaaaa gaatagacac taactccatg 240  
 taatttttaga catgcagctt ttgtgttttt ttttgttttt gttttttttt ttttgaaaaa 300  
 aaccagttta ttttgagatc agtgaaaaga gtctangcca cagaaaagaa cagctcttta 360  
 atgcaagtta aaatgtgtaa atgaatgacc cgggacactt gacaccttta gatgcagact 420  
 tcattcggca ctggttggct cagacttgcc ggcngccgtt naaaggcnat tcaccnctgc 480  
 ggccgtctan tnggtccaac ttgtccaact gnnaanaggn tanntgtctt gggaaannnt 540  
 nntncattcn cnntnaccga gctaagntag cggngnntg nggnnn 586

<210> 367  
 <211> 628  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(628)

&lt;223&gt; n = A,T,C or G

```

<400> 367
gcttcctgag gagcaggcca gaacggaagt cttgggtttta tttatagttg ataacttaca      60
tccggcctgc tcctcaggaa gcacagcagg gaggagacag agcccaaagg agacggcgac      120
aaaaatgccc aaacccctga gctaattgtg tgactgagag caagcctaaa gctcccttct      180
gagctcccca gcagccaaag caaagagaga aacaggggtcc tgcagcatga tgtcacagaa      240
aaccagggac cctggagcct ggggtccaat aagaacctta cattctgacg ccttagattt      300
ctccctggaa aatggggaga aaaatactga attgggtggg agggccatgc aacacaccca      360
gcacagtgtc tggatgcatt tcagaggccc caccagtcta ggggtctacg aaagacagta      420
ccttnggccg ngaccacgct angggcgaat tccactcact ggcgggcggt tctaattgat      480
ccnacttcgg accaactttg gcgttatcat nggcataact tgnttcctgn gggaaaattg      540
gtatcccgnt tcaaattnc cccanttct aancgaannc ttaangttta aacctggggg      600
ncaaataagn gcttacctcc tattgggn

```

&lt;210&gt; 368

&lt;211&gt; 618

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (618)

&lt;223&gt; n = A,T,C or G

```

<400> 368
acaattcata gggacgacca atgaggacag ggaatgaacc cggctctccc ccagccctga      60
tttttgctac atatggggtc tcttttcatt ctttgcaaaa acactgggct ttctgagaac      120
acggacgggt cttagcaciaa tttgtgaaat ctgtgtagaa ccgggctttg caggggagat      180
aattttcttc ctctggagga aaggtgggtga ttgacaggca gggagacagt gacaaggcta      240
gagaaaacca cgctcgccct tctctgaacc aggatggaac ggcagacccc tgaaacgaag      300
cttgcccttc ccaatcagcc acttctgaga acccccatct aacttcctac tggaaaagag      360
ggccttctca ggagcagtc aagagtttca aaagatacgt gacaactacc atctagagga      420
aaggtgcccc ttagcagaga agcccagagc ttactctggt cgtttncaga nacaactgnt      480
ggcttgcttg ggatgcccc agcctttgan aggcctttac ccattgacct tttgccatcc      540
cttgggcatt aacttnnggc cttgggnntt aancctgntt gccttnaang gncaggtttt      600
gcttaanccg gntgnggc

```

&lt;210&gt; 369

&lt;211&gt; 443

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (443)

&lt;223&gt; n = A,T,C or G

```

<400> 369
gcagggcggg cngcggggtc ttggcgaacg gtcttcggaa gcggcgggcg cgcgatgacc      60
acgctacggg cctttacctg cgacgacctg ttccgcttca acaacattaa cttggatcca      120
cttacagaaa cttatgggat tcctttctac ctacaatacc tcgcccactg gccagagtat      180
ttcattgttg cagaggcacc tgggtggagaa ttaatgggtt atattatggg taaagcagaa      240

```

ggctcagtag	ctaggggaaga	atggcacggg	caccgtcacg	gctctgtctg	ttgccccaga	300
atttcgacgc	cttggttttg	ctgctaaact	tatgggaagt	actagaggag	atttcagaaa	360
gaaaggggtg	atTTTTTgtg	gatctctttg	taagagtatc	taaccaagct	gcaagtaaca	420
tgtaccttng	gtcgcganna	cgc				443

<210> 370  
 <211> 636  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)... (636)  
 <223> n = A,T,C or G

<400> 370						
acatttgttt	atttaaagca	caggaaatga	ataaaatgcc	acctaaaaag	tatctgcaat	60
gaataaatta	tttccagtga	agcactgcag	atccacacac	accagtctgc	taacctttac	120
caaggccatg	tccggtgggc	ttgtgcttgt	tccagtgtgac	tcttccttga	gacctttccc	180
ttctgtgcaa	tgaccacagc	attagagacc	agtcctgcag	gcgctggcct	tcctcgtagg	240
catggcagac	cacgtggatg	agcagtgggc	tggcatgcag	taggcttnaa	caaagtggcag	300
ttcactgttt	ccagtgaacc	tgaaatgttt	tacgtaagtg	gggcctgggc	tttaaagaaa	360
agagccaggg	ttcctcaagc	tgggccccctt	tacttgaggc	cagcttcagg	aaatactggg	420
cttaaggagc	cagcaacttg	tccaggagtt	ttgagccctt	antttgaagg	aaaatggccc	480
cttgngtcc	ntgcaagcac	cagnnatttc	cgtgatngtg	ancaagtnac	cnnccttaag	540
ggaaggccaa	tccnctttg	ggnggantcn	agggcnctan	tcctgtttgg	aagggttga	600
aggttgggaa	tntttaaaat	ggaggmntng	gcttcc			636

<210> 371  
 <211> 615  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)... (615)  
 <223> n = A,T,C or G

<400> 371						
ggtacaagct	tttttttttt	tttttttttt	tttttttttc	tgttaaagaa	tgctttatta	60
atacaaaatac	acacaaactc	tgaaagcacta	anaaatttaa	atatctatgt	cacagcaaac	120
agggtggcaat	tcaacatcca	gggtcgacag	aatgcttgaa	gganactgca	acagattgga	180
ttcccatggg	gganagggca	tnttcacagg	tgaagggggg	cccagctgaa	acagcttttc	240
aagctctctc	tcctcgtaaa	ggatcatgag	aggcactcca	ctcaagggga	gggtgcgcaat	300
ctggtgctct	tcaggcaggt	caaaaactctc	aaagtctaga	ggattgaagg	gaaagaattt	360
ttctatttct	ggataggcat	catctgaggc	aggaacagag	ctttttgctt	taacagtctt	420
ctcagtcac	ttttttggca	aaaaagcttg	gctgggtttg	tttgangggg	tccttgggct	480
ttacagactt	ttctgnaact	ctgttgacca	gnttcccaaa	gcctttttta	gtaactttta	540
ggtaaggctt	ntgggggcat	taaacctttt	tccaaacctg	gggttgaaac	ttggaaccnc	600
ctttaagggt	ttgnt					615

<210> 372  
 <211> 612

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

```

<400> 372
actttttttt tgttctagga atgagggtag gataaatctc agaggtctgt gtgatttact      60
caagttgaag acaacctcca ggccattcct ggtcaacggt ttaagtagca tttccagcat      120
tcacacttga tactgcacat cangagttgt gtcacctttc ctgggtgatt tgggttttct      180
ccattcaagg agcttgtagc tctgagctat gatgctttta ttgggaggaa aggaggcagc      240
tgcagaattg atgtgagcta tgtggggccg aangtctcag cccgcagcta agtctctacc      300
taagaaaatg cctctgggca ttcttttgaa agtatagtgt ctgagctnat gctanaaaga      360
atcaaaaagc nagtgtggat ttttagactg naattaaatg aggcnaaang atttctattc      420
ccagtgggaa agaanaacctt tctactgaag ttgtgggggg antatgttng aatgttagag      480
agaaccttta aggnntnctt tgattggccc ttggagaccg nttggannac atnncccgga      540
attnnantan aaattntttc nggnttnaag tttcccntg tngtngnann ccaacctngt      600
ttttgcccc cc                                     612

```

<210> 373  
 <211> 638  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(638)  
 <223> n = A,T,C or G

```

<400> 373
ggtactcagt atttcaaate atgaacacaa gattggaact tttggaaaaa tgggttcaag      60
ctttcctatt agccatggaa atgcaaagtt tagcagaagc aagcaattag gcagagaaca      120
aaaaatgttaa gcatgggtgt gtctatctta ttgaagtggg ttgaaatgaa agcttttaaa      180
ttgatagatt tatcagtata aaattaggga aaccacgtgt ggggaatgaa tcaatttaga      240
gcttcgggaa ttgtgaggtg acttttgtaa cttttgttct gtgtgtgacc tgtgaaccac      300
tagatgtgat ctgcccttgt gggcaggtcc agcatagtta ggagttaggc tttancataa      360
aattctagct gcatctgagt ctcttgggat ggggtgctct tggctngttt tggcctgccn      420
gattggtgag atccagancc agctttttcc tgctgcttgg cccctnncaa ttaatttgtt      480
gggattgcca gtgcnagaan accttagttg taaagaattt taatcctacc ncgaccnagt      540
tccaaaangc ngggttttga atgtgggaan tttnnnaatt ttcccttana aagtctaaat      600
tttgtccngt tanactnttg gttttaaagg gaagggaa                                     638

```

<210> 374  
 <211> 503  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(503)  
 <223> n = A,T,C or G

```

<400> 374
ggtacagatt aacttaacac aaaaacccga acttcaaaat gaaggtgtgt ggaggaaagg      60
tgctgctggg tctccctaca actgttcatt tctttgtgag gcagggggta gttcctgaat      120
ggctgtgggt caatgactaa tgtaaaacaa aaacagaaac aaaaaaaca aggaactgtc      180
atttccacga aagcacagcg gcagtgatgc tagcaggcct cagggccctg ggccctgggga      240
ggctacatga gggggagcct cagtcacagg atcaacctgg ggcccgaagg agcagggttc      300
cctgcctctc cctctgcaac agatcatccc atccaacaca acccccaaaa tgttgatgat      360
gacgcaacat ggtcaaccct caagaccttt aagacaaaac agagcagcat aggaaaaaaa      420
aaacaaaacg caccaatttc tgcattgtgc aatggtaggg caccntttta aaaaagtctg      480
tctaaaacan nctntgttta ctt                                     503

```

```

<210> 375
<211> 611
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

```

```

<400> 375
ggtacaaaag ctgttgaact taatcccaaa tatgtgaaag ctctcttttag acgtgcaaaa      60
gccccatgaga agctagacaa taagaaggaa tgtttagaag atgtcactgc tgtgtgtata      120
ttagaagggt tccaaaatca acaaagcatg ctgttagccg ataaagtctt taaactcctt      180
ggaaaagaga aagccaaaga aaaatataag aatcgtgaac ctctgatgcc atctccacag      240
tttatcaaat cttacttcag ttctttcacg gatgatatca tttcccagcc catgcttaaa      300
ggagagaaat ctgatgaaga taaagacaag gaaggggagg ctttagaagt gaaagaaaat      360
tctggatact taaaggccaa acagttatgg aagaagaaaa ctacgatana atcataagtg      420
aatgcccana aaaaaaaatn atttaaaaaa aagcttgtcc ctgccggccg gccgttcnaa      480
agggcgaaat canctccctg gngggcggtg ctannnggat ccaacnttgg gccaaccttg      540
gngnaaacan nggntatant gtttcctggg naaatggtnt ccngttncnaa tccccnaatn      600
ntngngccgg g                                     611

```

```

<210> 376
<211> 601
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

```

```

<400> 376
cgagggtcttt tctctctttc tgtcttcac ccagatcaaa gaatcccag ttaggatctg      60
gatgaaggat aagcccctga attgtcgatg ggctcaccoc cacttgacc cagcatctga      120
acttgcttaa cagggagccg gggctaaact gcttcaccct gcctgagaac cagggagcac      180
tgcattttct cagagggtgg aggagaagag gcagaataaa ccaagcctgg gacacctccc      240
tctgtcttag gtgtacagca cacagggtta tactcttcac cctcatcctc tccgtcagca      300
ctatctgctc caacctctc ataatccttc tcaagggcag ccatgtcctc acgggcctct      360
gaaaactcgc ctggaccaca aagtttgacc tgatgtatgc caagccgtgc ctttggtcac      420

```

tggnacctgg	ccnggccggc	cggtcaangg	cgaattccac	acactggcng	gccgtactan	480
tggtaccnaa	ctnggaccag	cttngntaat	catggcatnc	tggttcctgg	ggnaaatggt	540
atccggtaca	attccnccan	ntcnanccgg	aacctaaagg	gtaaacctgg	ggngctaata	600
a						601

<210> 377  
 <211> 621  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (621)  
 <223> n = A,T,C or G

<400> 377						
ggtacaagct	tttttttttt	tttttttttt	tttttttttt	tctgttcaag	aaccagtctg	60
ggatcttgta	cccagctcta	attactggcc	gtagcagcat	attgcttaan	aattttgtag	120
aacttatttc	tcatacagcag	ctgtccaaag	gactgataaa	tagagacaga	tcccagtcct	180
ggatactttc	tgtaaatcct	aatcggagac	tcacttntna	gcaatggagg	ctgaaagtct	240
tagtgagact	cagtaaattc	cttnaggcct	tggcagatgg	atccagtagg	ttgagagaaa	300
gtgaaggact	tcaggaacag	aaagaaaatc	cccatgccac	tagcaactcc	atttttatna	360
actggaagga	acatgccaac	gaccagcaac	acatccaggg	tttatgaaaa	tgggggttca	420
cagncnaaat	gtcngntcca	agttcaggct	ncnggatttt	ggtttggagg	actgaatggt	480
gtggattaaa	ggcttncatt	ttcttgnaac	cttgaaaggg	tttttnggan	aanaattcnt	540
tgntaatgna	agctnggttt	aaacttgacc	tngcccgggn	gggccnttca	aaagggcgna	600
ttncgcncn	ttggggggcc	g				621

<210> 378  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (327)  
 <223> n = A,T,C or G

<400> 378						
acatctccga	cagtatctgt	ttcagcatct	ttgcncttct	gaagtctttn	atacttgtgg	60
caaaaagtcc	tgaaactggc	ctccangtgt	ccctccacct	gtgctggcac	ttgggcgttt	120
ccacnaaact	tcccaaacag	ctcacaatcc	tggctgactg	ggacaataat	tcagcaaact	180
ggctactcag	acctggcacc	aaatgtcctg	tccaaaatgc	tgttcactga	accagtgtctg	240
ggcgcccctg	ggcaggggtg	ctcgatcacc	cgccacatnc	acttggccgc	cagaagccng	300
nggggaagga	cctnggcgcg	acnacgc				327

<210> 379  
 <211> 517  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(517)  
 <223> n = A,T,C or G

<400> 379  
 actcacaagt aagaaacttt ctctactgaa ggatactgtc acagagtttg ttgcagagca 60  
 tctatatata tttttattna tttattttta aaaantaaac aacantgatg aacganccca 120  
 ggttcctaga accaattctc ttgattctct acttccacaa aataaagtg atcatttggc 180  
 caagactaca gatgtgtttt tnttttttca canatgcaag tgccatgcaa aaataaatta 240  
 aagaacagat accaaaacat acatgtgata aaactacana tggtagatgt ttaaaggcat 300  
 ttatataaac ntaatttata aatacttctc tttntgcctt tatatacagt cncaaantcg 360  
 gntgttatac atntaggatt tcctntgcnt gaccttnggc cgtnacnacg nntaagggcc 420  
 gaattctgga agattccatc tacaattggc ggctcgtttn tancatncct ttntanggcc 480  
 caatttngnc cnntannnga gtengattac aanntcn 517

<210> 380  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 380  
 acgctgtgga gggctgcagt gctcgtggat tcaaaatcac agagggctgg taaatggcag 60  
 cttctgtagg aataactgca gcaggagctg gaaatgtgta ggaggaggga gacaggcatg 120  
 gtaacttaca tggcggtggg gataagccat ttcgatttaa agtgccccc attaacacaa 180  
 agttcatctc ctgagctgaa cactgaaaga cttcaacata tctgtccttc atgttttttt 240  
 atgacacttc tgtgcagcca taaatgctct gtccgcagac ttcattctgga taaaggcatc 300  
 tcctgatggg cggccctggt gattcaaaac catgtgaacc ccatgagtac c 351

<210> 381  
 <211> 622  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(622)  
 <223> n = A,T,C or G

<400> 381  
 acacttccaa ttgtccatat aattaagctt tccacaatct tacacacca tcatctcctg 60  
 aagatgctag caccgttcct gttatattcc aactcactcg ccagacctga gaattatgat 120  
 tatcgaactg agccactata tggatttcaa actttgttgg cccaccagag gaagttagtt 180  
 ctttcctcac aggcctttaat gtaaaaattc tcacatcttt ggctcgctatt gctagaatat 240  
 ggaaagatct tcccaaattt ggagcgaatg caatatcatg aacaggatca gtgactgtca 300  
 taagagtttc agctttttgca tatttcctgg tgttttcatt atattcaaaa atctgaacct 360  
 tggccattgc gttgggggcta ctgncatcac tttctacggc gatcatgggg gaatgagcac 420  
 gagagctttg naggggtncc aagaaatnca ctccagctt agcttacttg aganctctgg 480  
 ctggnaaaga cccctnggct gagaattcnt aaccatctgg ggccctcaaa nantcttacc 540  
 tttccattng nggacaagggt ggttacttag aacccnnggn cttgggacca acttncntt 600  
 cggtnncana gttttggtnt cc 622

<210> 382  
 <211> 509  
 <212> DNA



&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(509)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 382

ggtactctca	ttcccgtccc	attcaggctg	atagtaacag	cctaggtaga	gtcaacacat	60
aaaaaagtgt	aattccaggg	gaggaggatt	agaataagga	cacaaaggaa	gggaggaaaa	120
tggtctttga	ggctgaaatt	ccattaattt	ttcatagtat	tgagtttata	tttgccattg	180
catccttcaa	tctttctaaa	aaggaaatcc	ccggaacata	ataaaatctc	ttctgtatag	240
aaaagctaca	gctccacact	aagaggaatg	ccgtctgcct	taaagaatgg	aatcatcagt	300
gaccaagaat	tacttccaag	gagaaattca	ttgatattaa	aaccaaagcc	agatccagct	360
cagcaaaccg	acagccagaa	cagtgatagc	gagcagattt	ttagagaatg	gtttccaaac	420
ccgccaacct	gcacggtgtt	atttctgcc	cgtgtctctg	gaacacacat	taaactgtgg	480
aaactnnctn	ctttccgctg	gggggtcccc				509

&lt;210&gt; 383

&lt;211&gt; 380

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 383

acaattccac	ttatccatac	tattccttta	taaaaggcag	atttcaggta	agcttctaaa	60
tgcatgcgta	atgtagaggc	taatatcttc	tggcagtcct	tggttcctga	aatttgaact	120
tcataatgtg	tttaaacctt	tgtcaaaaata	gtcatgaaag	atatgttatt	tttgcataat	180
gaggtaatat	atcaggggag	ggcactcata	agacagtata	aatccacttg	tctaaacttg	240
catgaggctg	tgtgcattgt	aaaatgccat	aaagagtttt	gggtcaagtg	aatattttgc	300
tgaaggaata	acacttacat	ttaactgagc	acttttctgt	aataaatacc	aaagtaggtt	360
tttgtagctg	taaactgtgt					380

&lt;210&gt; 384

&lt;211&gt; 317

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 384

ggtcccagac	ccaagaccaa	ccgatggagg	aggaggaggt	tgagacgttc	gcctttcagg	60
cagaaattgc	ccagttgatg	tcattgatca	tcaatacttt	ctactcgaac	aaagagatct	120
ttctgagaga	gctcatttca	aattcatcag	atgcattgga	caaaatccgg	tatgaaagct	180
tgacagatcc	cagtaaatta	gactctggga	aagagctgta	tattaacctt	ataccgaaca	240
aacaagatcg	aactctcact	attgtggata	ctggaattgg	aaatgaccaa	ggctgacttg	300
gatcaataac	ccttggt					317

&lt;210&gt; 385

&lt;211&gt; 275

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 385

acttttagtc	cctgttttac	aggggttaga	atagactggt	aaggggcaac	tgagaaagaa	60
cagagaagtg	acagctaggg	gttgagaggg	gccagaaaaa	catgaatgca	ggcagatttc	120

gtgaaatctg	ccaccacttt	ataaccagat	ggttcccttc	acaaccctgg	gtcaaaaaga	180
gaataatttg	gcctataatg	ttaaaagaaa	gcaggaaggt	gggtaaataa	aaatcttggt	240
gcctggaaaa	aaaaaaaaaa	aaaaaaaaag	ctgta			275

<210> 386  
 <211> 606  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(606)  
 <223> n = A,T,C or G

<400> 386					60	
ggtacatgga	tattcccaaa	ccattccatt	agaaaactgc	cctccctgca	cacacaacaa	120
aaacagcgct	atttcctaca	cctattggac	tgaaagtgc	tggaaatgga	atggtttttag	180
aatatgaaga	agaacacaaa	ccaagtagct	gtgggttgaa	cctggacgtg	agctggctgc	240
agggccgttg	ggtagaaaaa	cagcatctca	taaacaggtc	actacaaaaa	taggaagagt	300
ataaaaatag	aatatattat	gtcactatct	cgtcttctct	ttatagtagc	gtatcgtagg	360
agtgggacag	gtggcctttc	ccgaccctgc	tacgctggct	ggtgcccgc	aaacctccac	420
tggatgggtt	gtcactggat	ggtttggttg	ggtgggtggtc	acaggcgcaa	aggacatgca	480
cacgggcacg	ctcgctactg	naaccacagan	gtgacttcag	cntgaataaa	ggngaaaagg	540
tccccatnta	notcnggaat	tattncctnc	ccaggnccta	ttaaggggct	ttntggcctt	600
tnaccancca	agncccnccc	cttgaaangc	caaacttttt	tgaaaaaaag	gganccttgn	606
atngnc						

<210> 387  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 387					60	
accacttgca	gtcaaatgaa	ttccttcgaa	atgtatttga	acttggaccc	ccagtgatgc	120
ttgatgctgc	aacgcttaaa	acgatgaaga	tttctcggtt	cgaaaggcat	ttatataact	180
ctgcagcctt	caaagctcga	accaaagcta	gaagcaaatg	tcgagataag	agagcagatg	240
ttggagaatt	cttctagatt	ttcagaactt	gaagactatt	ttctaatttc	tatttttttt	300
tctattttcaa	tgtattttaaa	ctctagacac	agttttttatc	ctggattaac	ttagataact	339
ttttagtagc	tggttatatt	gcttataatt	taatgtacc			

<210> 388  
 <211> 667  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(667)  
 <223> n = A,T,C or G

<400> 388					60	
taccagttgt	catcatagcc	ggagatggac	acttcaggag	ggtagcgtac	attcccatga	120
caccaatact	acagttttcg	gagtcacagt	aagatacaca	gaattacatc	cgtaattaat	

atgaatgcc	acatgtcaag	cagtaatttg	ttacatggca	aacaaaatca	agaaagcaac	180
catcaaacaa	aagagaccca	tagcttcaga	caaggcaaat	cccaggatag	catatgagaa	240
cagctgctgc	ttcagcgaag	ggtttctggc	ataaccaatg	ataaggctgc	caaagactgt	300
tccaatacca	gcaccagaac	cagccactcc	tactgttgca	gcacctgcac	caataaattt	360
ggcagcagta	tcaatgtctc	tgctgattgc	actggctctga	aactcccttt	ggattagctg	420
agacacacca	ttctggggccc	cattaaatac	cgtagagccc	tctccagtcc	tactagcctc	480
tggtcgagat	aacactgatg	cagaaattgg	tctgtatgca	actctggatc	cagctcggat	540
cagagagggg	gtgcaggcga	gcttggcgca	ggcgaacatc	ttacactctt	cgggactgcg	600
cggctggaga	tattgggtga	caggcgacgt	gggctcctct	cccgtctnct	ctctttccag	660
gaagcgg						667

<210> 389  
 <211> 613  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(613)  
 <223> n = A,T,C or G

ggtagcagtt	gtcatcatag	ccggagatgg	acacttcagg	agggtagcgt	acattcccat	60
gacaccaata	ctacagtttt	cggagtcaca	gtaagataca	cagaattaca	tccgtaatta	120
atatgaatgc	caacatgtca	agcagtaatt	tggtacatgg	caaacaaaat	caagaaaagca	180
accatcaaac	aaaagagacc	catagcttca	gacaaggcaa	atcccaggat	agcatatgag	240
aacagctgct	gcttcagcga	agggtttctg	gcataaccaa	tgataaggct	gccaaagact	300
gttccaatac	cagcaccaga	accagccact	cctactgttg	cagcacctgc	accaataaat	360
ttggcagcag	tatcaatgtc	tctgctgatt	gcactggctc	gaaactccct	ttggattagc	420
tgagacacac	cattctgggc	cccattaaaa	taccgnagag	ccttttcagt	cctactagcc	480
tctggncgag	ataacactga	tgcanaaatg	gnctgtatgc	caactctgga	tccacttcgg	540
ttcaaaaagg	ggtgcaggca	acttggccca	ngcgaacatn	tacacttttc	gggactgccc	600
gnttggnnaa	tgg					613

<210> 390  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

actagtccctc	tagaaatagg	ttaaactgaa	gcaacttgat	ggaaggatct	ctccacaggg	60
cttggttttcc	aaagaaaaagt	attgnttgga	ggagcaaagt	taaaagccta	cctaagcata	120
tcgtaaagct	gttcaaaaat	aactcagacc	cagtcttgng	gatggaaaatg	tagtgctcga	180
gtcacattct	gcttaaaagt	gtaacaaata	cngatgagtt	aaaaaanant	cttttnttga	240
actctnanga	aaancttgga	ccttngccgn	gaccacgc			278

<210> 391  
 <211> 604

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(604)  
<223> n = A,T,C or G

```

<400> 391
gggtctttttt tttttttttt tttttttgaa cacagatcac tttattggca tggctttggt      60
ttaagaaaag gaaaagtac aaagccaaga gacagactnt gctaacagat gcctgggggt      120
ggctggacat ttttgctca tgctgtgcaa agagggggat cctggcccac acatcctgct      180
gattccttgg gacaagggtg tctgcctggg cctcactgca ccttcttgaa tacttgcttg      240
canaccacac cttccactct natctncagg tgcagctcat caccctngat ccactgggtc      300
cagccacgcc ccttcttctc acccttctga cacactggag cttgctccgt cccagtcact      360
gtgtcatgca cttgcgggna tctatgcctg nagatcctcc taaactcctt tccaacctgg      420
aagtccatga tgnantncct aaaagngctc accgtggcgg angatcatat gggtcancgg      480
ntgaacgaan tnttttggcg ggnttcanna agttgcccat ttttgcgcaa gggcccattg      540
gncgtnnagg gcccangtnc tttgcngnnc ccctnagggg gaatccccac nttggggcgc      600
tntn                                     604

```

<210> 392  
<211> 610  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(610)  
<223> n = A,T,C or G

```

<400> 392
acgaggggag cgagacgaaa ggagaacggt gattattcat gagaggcctg atatcactca      60
tcctagacat cctcgagagg cagggcccaa tccttccaga cccaccagct ggaaaagtga      120
aggaagcatg tccactgaca aacgggaaac aagagttgaa aggccagaac gatctgggag      180
agaagtatca gggcacagtg tgagaggcgc tccccctggg aatcgtagca gcgcttcggg      240
gtactttattg gcacaaattc gggcagcctc cagggcttca gaggacagct gctcatattc      300
atctgacacc atgtggccac aaagcggaaa ctcatccact tttgcctttt tccgccccag      360
gtcaaaaatg cgaatcttgg catcagggac acctcggcag aagcgagact ttgggtgagc      420
ttgttttcca tctagggatg atgggagaca gtgacaaatc atccaccatt agatttttat      480
aaggagcgca caaccagac aacccaaatc cctttggatg tgccagttca caatagtggg      540
catgcctcca ttgagaatat aatggctctn gacttgccgg aaggcaaact taaggccata      600
atgggaccng                                     610

```

<210> 393  
<211> 314  
<212> DNA  
<213> Homo sapiens

```

<400> 393
gggtcccagac ccaagaccaa ccgatggagg aggaggagggt tgagacgttc gcctttcagg      60
cagaaattgc ccagttgatg tcattgatca tcaatacttt ctactcgaac aaagagatct      120
ttctgagaga gctcatttca aattcatcag atgcattgga caaaatccgg tatgaaagct      180

```

tgacagatcc	cagtaaatta	gactctggga	aagagctgta	tattaaacctt	ataccgaaca	240
aacaagatcg	aactctcact	attgtggata	ctggaattgg	aatgaccaag	gctgacttga	300
tcaataacct	tggt					314

<210> 394  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (498)  
 <223> n = A,T,C or G

<400> 394						
accagacctg	tcaacgtcna	tttctcggna	aatttnttgg	tatttttgaa	tctnctgcca	60
gagaatgtaa	aactccttca	gncccagctt	gccactcccg	tccgaatcta	gcatgtcaac	120
cataatttng	aatcttcgtc	cagagaatgt	agaactcctt	cagccccagc	ttgccactcc	180
cgccgaatc	tagcatgtca	accataattt	tgcattgctc	gatgctgaag	ccatctgact	240
ggatatcttg	gcgctttgct	agaacccttc	tcaggatggg	ctgcngctca	aaggcanaga	300
tctccgnatc	ctctcctgcc	aactggggcaa	acagnctcct	gaatccatca	tcaatgtcat	360
cctcgctgat	gtcgaactct	tcaagattgg	cctcgatttc	atcatcgaca	gcttggtagt	420
cagctttctt	ttcagaaaag	accgggatgc	agaaatcccc	atccttgntg	ggttcgaagg	480
tggaaggcac	ganaatgt					498

<210> 395  
 <211> 629  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (629)  
 <223> n = A,T,C or G

<400> 395						
gccgcccgtc	aagctgtcca	catccctggc	ctcagcccgc	cacatcaccc	tgacctgctt	60
acgcccagat	tttcttcaat	cacatctgaa	taaatcactt	gaagaaagct	tatagcttca	120
ttgcaccatg	tgtggcattt	gggcgctggt	tggcagtgat	gattgccttt	ctgctcagtg	180
tctgagtgtc	atgaagattg	cacacagagg	tccagatgca	ttccgttttg	agaatgtcaa	240
tggtacacc	aactgctgct	ttggatttca	ccggttggcg	gtagttgacc	cgctgtttgg	300
aatgcagcca	attcgagtga	agaaatatcc	gtatttgtgg	ctctgttaca	atggtgaaat	360
ctacaaccat	aagaagatgc	aacagcattt	tgaatttgaa	taccagacca	aagtggatgg	420
tgagataatc	cttcatcttt	atgaccaang	gaggaattga	gccaaccatt	tgnatggttg	480
gatgggtgtg	gttgcaattn	ggtttactgg	ggaaactggc	cattangaaa	agggntcctg	540
ggtaaaagaa	tccttatggg	ggccnaacc	tttgnttnaa	agccntngcc	ccaaaaangg	600
gntttttggg	cggnatgttt	cnaaaaacn				629

<210> 396  
 <211> 614  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(614)  
 <223> n = A,T,C or G

<400> 396  
 ggtacttggg cttctttcag ctgcttcaac agagtggcag caaccaagct ggagtccaag 60  
 ccccttgata aaaggcagcc aatccttctg tctgtcatca aacgtttctt tacagcatta 120  
 ttaaaaagga tcctgaggtt gttcttcaca gtttctatct caaaacctgg aaagagtctt 180  
 tccacattgt catagagggc gtgcaggggt tcatcccgac agtcatgata ttaaccatt 240  
 tccacggatg caactttgcc atttggtttt aaatccaaaa cttcatagt tccaggaaga 300  
 aaaggctcca cttttaaaaa gggagtcgag gagtgttcca atgtaacaag acctttaact 360  
 tctgaacata cagccaaaaa tcatctttct gncattgctt taaaccaang tctgactcca 420  
 tatggatatc cttaccagg aaccntttc ttaatgggca ggtantccag ttaaaaccaa 480  
 atggcaaac ccancantc caaccnttc naaatggntt gggttnaaat nccttcttt 540  
 gggcataaaa gaattnaang ggnntnnttt tancctttcc ccttttgggc ccggggattt 600  
 cnaaaattcn aaaa 614

<210> 397  
 <211> 588  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(588)  
 <223> n = A,T,C or G

<400> 397  
 acctgggcat aggaaggaac caggacaggg ctggggacag aagggtggtca cagtcatggt 60  
 ttcactctca gaaatatcct gggcctatgg cttaaggctt cgtggagcag ggagtggacc 120  
 ttgtgggttat ttacaaggct gggccatata aaagcattgc aaacatggag tggagaggat 180  
 ccttgagat gagctgggtc aatcactcct ctgaccaaca aggaaacaaa ggcccagaga 240  
 ggagaaggca gtgcctggcc agacgtggga cctgaaccca gccagggctc tgactcccag 300  
 tccccagtc cctctcttac ctccctgctt ggctgagtct ttttttgata aaggccccag 360  
 acagcctctc cgacagtctc aggtcaggct ggggttataa atggagcagt ggactcagag 420  
 tcagaggccc agactctgnt cttgggcctt nacattacca agncttgcta ataaccacga 480  
 ggccctggtg tggaggggct gctctctttt aagctcagct cntatctgga acaggccaca 540  
 aagttncatg ggataaangn tgaggccnna gcccacagng tggaggnc 588

<210> 398  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 398  
 ggtactagcc ggacttggat tttctggaaa gatttcagtt gaggaacggg aacaaagatt 60  
 atgatagctt tccgaccacc accaacttca atttccttag ctgccgtaat attcagctcc 120  
 ctgagctgag ccttgaggct cgagttcatc tccagctcca gaagagcttg ggagatgccg 180  
 gactcgaact cgtccggctt ctgcccattg ggcttcacga tcttggcgct cgaactgaac 240  
 atggcctttc cctgggagaa cttgccgagc gccggcttag gaagagacc aaatctcgcg 300  
 agagcacgtc aaaatccggc gtccgaaggc aagaggcgga aacagcgc 348

<210> 399  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

```

<400> 399
acatccaagt ttaaaattat cagcgaaatg gtccatgttt ttccaattac ctgctgacac      60
ggttctaagc taagtgaagg ggaagatctg agagcgtgct gtttgtggct gttgatgcac      120
attcgtgatg taacaggtcc tggggcctca ctttacccca tttgtaaaat ggggctaata      180
tcacctgcct cttacctacc tcagagggat ttggtgaagc aaactgttaa tcttcgaaaa      240
cgaccatttc acttcttggg tatcaagtgc taaccagta tgttcttctt ttttatgtaa      300
gggacagctt tctccacaga gtcctttctg ctggtgagga cagcatttct gagcagggct      360
ttgttctcta tgtgcattag gacttttatc atgcccttgg tctatgtgta gttacttgac      420
agcatcaaat gccggtctct cctaattgnc ttcaaggttt catgaactaa caacccacc      480
tttcancatg ggtctggccc ctgaatttgc tngacttcc agaccacact gggtctacca      540
cctgaacagg cntttaaagt tcccaanggt cancttctt aattccttgg ttcccgggtg      600
atggggaact tggcctanaa aagggcncnc

```

<210> 400  
 <211> 619  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(619)  
 <223> n = A,T,C or G

```

<400> 400
actgaacagg taagtcaccc ctcagccaga gattagtcta cttcttccat gcgtgatgtg      60
tcgtcatctc cttcaagggg tggcatttct tcagttacag cagcactggg atcatcagca      120
gtagggatcat cttcatcaat acccagacca agtttgatca tctgttagat cctgttagca      180
tgtgtctggg gatcttccag actgaagcca gaagacagga gcgcagtttc ataaagcaag      240
atgaccagat ccttcacaga cttgtcgttc ttatcagcct ctgccttttg ccttaaggct      300
tcaataatgg aatggtcagg gtttatctcc aggtgtttct ttgctgccat gtaaccatt      360
gntgagttgc tcttagggct tgagctttca tgattcgctc catgnttgct gccagccata      420
tgtgcttggt acaatacagn atggagatgc accaatcggg tggacaaacc accttctact      480
ttttcttcca tangctttca gatttgcaaa gttctaaact ttgggttttc ccttctgntc      540
ttttcctttt atctttggaa gtccaggctt nttggggacg ncctaagctt ccctnaatct      600
ttagtggtgga nnagnctn

```

<210> 401  
 <211> 663  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(663)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 401

cgagggtactt	gggcttcttt	cagctgcttc	aacagagtgg	cagcaacca	gctggagtcc	60
aagcccctg	ataaaaggca	gccaatcctt	ctgtctgtca	tcaaacgttt	ctttacagca	120
ttattaaaaa	ggatcctgag	gttgctcttc	acagtttcta	tctcaaaacc	tggaaagagt	180
ttctccacat	tgtcatagag	ggcgtgcagg	ggttcatccc	gacagtgatg	atatttaacc	240
atttccacgg	atgcaacttt	gccatttggc	tttaaatacca	aaacttcata	gtgtccagga	300
agaaaaggct	ccacttttaa	aaagggagtc	gcggagtgtc	tcaatgtaac	aagaccttta	360
gcttctgaac	atacagccaa	aaatccatct	tctgcattgc	tttaaacaaa	ggtctgactc	420
catatgtatc	tctacccagg	aacactttct	taatggcagt	attcagtata	accaatgcca	480
acccaccatt	ccacatacca	aatgggttgc	tcaaatacctc	cttggcataa	agatgaaagg	540
ttatttnacc	atncactttg	gccgggattc	aaattccaaa	agccggtgca	ttttntaan	600
ggtgganaat	tnncccttgn	accnaanccc	caaataccggg	atttnttnc	ctcnaatngn	660
tgg						663

&lt;210&gt; 402

&lt;211&gt; 673

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(673)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 402

ggtacgtgtc	cagctctgaa	gggcaaagtg	cagaagatcc	taatctggaa	gtgggggtcag	60
ccaccatctc	ccacaccagt	gcctcggcct	ccagatgctg	atcccaacac	gccctcccca	120
aagcccttgg	aggggcggcc	agagcggcag	ttctttgtga	aatggcaagg	catgtcttac	180
tggcactgct	cctgggtttc	tgaactgcag	ctggagctgc	actgtcaggt	gatgttccga	240
aactatcagc	ggaagaatga	tatggatgag	ccaccttctg	gggacttttg	tggatgatgaa	300
gagaaaagcc	gaaagcgaaa	gaacaaggac	cctaaatttg	cagagatgga	ggaacgcttc	360
tatcgctatg	ggataaaacc	cgagtggatg	atgatcaccg	aatcctnaac	cacagtgtgg	420
accagaaggg	ccacgttcca	ctacttggat	ccaagtggcn	ggacttacct	ttacgaatca	480
nggcnttttt	ggaanaatga	aggttttnga	aaatccagga	ataccnacct	ggtcaagcng	540
ancttttttg	naatcccng	ggagtttnatt	gaaggggtaa	aggaaggcnn	naccagcca	600
agaaagcttt	aagaaagggg	naactttcgg	aaattggaaa	aggccttcan	aacnccaacg	660
gttggtccac	ngg					673

&lt;210&gt; 403

&lt;211&gt; 616

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(616)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 403

ggtaccgatt	atatcatctc	agtcttgaat	ttactcacgc	tgattgttga	acagataaat	60
------------	------------	------------	------------	------------	------------	----



acgaaactgc	catcatcatt	tgtagaaaaa	ctgtttatac	catcatctaa	actactattc	120
ttgcgttatc	ataaagaaaa	agaggttggt	gctgtagccc	atgctgttta	tcaagcaatg	180
ctcagcttga	agaatattcc	tggtttggag	actgcctata	agttaatatt	gggagaaatg	240
acttgtgccc	taaacaacct	cctgcacagt	ctgcaacttc	ctgaggcctg	ttctgaaata	300
aaacatgagg	cttttaagaa	tcatgtgttc	aatgtagaca	atgcaaaatt	tgtagttaaa	360
tttgacctca	gtgccctgac	tacaattgga	aatgccaaaa	actcgagtct	ttaattgtaa	420
tggttttggg	ttatccacag	ttaggccctt	tctcaatata	tatttatgna	tttactggg	480
catggcaaca	tggtgggaaa	aatcaactgga	tgtaaccaa	caggcctttt	ttanaaatg	540
ncncggntta	accaaaanaa	aaaaaaaaaa	anaaagnttt	gaccttcccg	ggngggcctt	600
taaaagggna	attccn					616

&lt;210&gt; 404

&lt;211&gt; 613

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (613)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 404

cagtgtggg	cctaaaggag	ataacattta	tgaatggaga	tcaactatac	ttggtccacc	60
gggttctgta	tatgaagggtg	gtgtgttttt	tctggatatac	acattttcat	cagattatcc	120
atttaagcca	ccaaagggtta	ctttccgcac	cagaatctat	cactgcaaca	tcaacagtc	180
gggagtcatac	tgtctggaca	tccttaaaga	caactggagt	cccgtttga	ctatttcaaa	240
ggttttgctg	tctatttggt	cccttttgac	agactgcaac	cctgcggatc	ctctgggtgg	300
aagcatagcc	actcagtatt	tgaccaacag	agcagaacac	gacaggatag	ccagacagt	360
gaccaagaga	tacgcaacat	aattcacata	atttgtatgc	agtgtgaang	agcagaaggc	420
atctttctcac	tgggctgcaa	atcnttatag	cctttacaat	ccggactttg	gggaaatggg	480
atacctggat	ctactctggn	tttanacctt	tgggacntng	gaaanntccc	caaaaanggga	540
aaggctttca	aangtaaaact	ttgaacctga	aaataagttt	gttnaaacnc	ctattgcaag	600
tttgtttttt	gga					613

&lt;210&gt; 405

&lt;211&gt; 605

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (605)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 405

ggtactgagg	tgtaaaggga	tttatatggg	gacgtaggcc	gatttccggg	tggtgtaggt	60
ttctcttttt	caggcttata	ctcatgaatc	ttgtctgaag	cttttgaggg	cagactgcca	120
agtccctggag	aaatagtaga	tggaaggttt	gtgggttttt	tttttttaca	cgaatttgag	180
gaaaaccaaa	tgaatttgat	agccaaattg	agacaatttc	agcaaatctg	taagcagttt	240
gtatgttttag	ttggggtaat	gaagtatttc	agttttgtga	atagatgacc	tggttttact	300
tcctcaccct	gaattcgttt	tgtaaatgta	gagtttggtg	gtgtaactga	ggcggggggg	360
agtttttcagt	attttttttt	gtgggggtgg	gggcaaaata	tgttttcagt	tctttttccc	420
ttaaggtctg	ctagaatcct	aaaggcaaat	gactcaaggt	gtaaccagaa	aaccagaaaa	480

tccccattttc	nggatatnng	acccccccag	ggtanccggtt	attnaacttt	naccnnttta	540
ccttttaggct	ttgggaaaaa	atttnccttg	gaaaaagggt	tgggannacc	tttttttccc	600
cccc						605

<210> 406  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<400> 406						
ggtactacct	gcggcctgtc	tcccagcagg	agtttgacaa	gaacaccttg	gatctcaggc	60
aacagaacgg	aactgcctca	tcacggaaga	ccctctggaa	tcaagaactc	tacatccagc	120
aggacaactc	agagaggaag	cggaaacacc	ttccagaccg	acaggatggg	cctgcagcca	180
agagtggaaa	agcagccccc	agaagtcagc	actgggttga	cagggacctg	cgtgtgcggt	240
ttgtggacaa	catgt					255

<210> 407  
 <211> 601  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(601)  
 <223> n = A,T,C or G

<400> 407						
ggtttttttt	ttaagaggaa	aaccgggtaa	tgatgtcggg	gttgagggat	aggaggagaa	60
tgggggatag	gtgtatgaac	atgaggggtg	tttctcgtgt	gaatgaggg	tttatgttgt	120
taatgtggtg	ggtgagttag	cccnattgtg	ttgtggtaaa	tatgtagagg	gagtataggg	180
ctgtgactag	tatgttgagt	cctgtaagta	ngagagtgat	atttgatcag	gagaacgtgg	240
ttactagcac	agagagttct	nccagtaggt	taatagtggg	gggtaaggcg	aggttagcga	300
ggcttgctag	aagtcntcat	aaagctatta	gtggnaagta	gagtttgaag	ccttgaaaag	360
aggatatgat	nccactntga	gtgcgttcgg	tgtttgagtt	ngctaggcag	aatattantn	420
atgatgtaag	cccgtggcca	ttatgagant	gactgccttg	ttaagnttna	ngggggttgg	480
atgangaatg	gctngtaact	actaaggcct	atgntggctg	gttnaanagn	ttcnatntnc	540
nnantttann	tcttgcttgt	ctatgcagaa	tnganctgnt	attnatattg	ctcacnangg	600
g						601

<210> 408  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

<400> 408						
ggtacaaaag	gagtctcagg	cttgaagagg	ttatgtaact	tgccctaagg	cacacagtta	60
agtggcagaa	atgagataca	aaccaaaagtc	tgtctaactc	cagagttcac	accatcatgt	120
tatagtgccca	tcttcgtaca	ttgagctcca	tagagacagc	gccggggcaa	gtgagagccg	180

gacggggcact	gggcgactct	gtgcctcgct	gaggaaaaat	aactaaacat	gggcaaagga	240
gacctaaga	agccgagagg	caaaaatgtc	atcatatgca	ttttttgtgc	aaacttgctc	300
ggaggagcat	aagaagaagc	acccagatgc	ttnagtcaac	ttctnagagt	ttctaagaaa	360
gtgctcanta	gagggtggaaa	gaccatgttt	gcttaaagag	anaggaaaat	ttnaagatat	420
tggcaaaagcg	gacaaaaggnc	cgttttgaaa	gangaaatga	naacctatat	cccttccaaa	480
gggggagacc	caaanagaag	tttcaaggat	nccaatggca	ccccagaag	gcntncttng	540
gccttcttnc	tcttctgctc	ntgagtattc	ggcccaaaat	tcaaagggag	aacatcttng	600
gcctggccat	tggtgatggt	ggcaaaaaag				630

&lt;210&gt; 409

&lt;211&gt; 614

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(614)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 409

cgagggtaccg	ggatgcagca	gtgatggcct	ttggttgtat	cttggaagga	ccagagccca	60
gtcagctcaa	accactagtt	atacaggcta	tgcccaccct	aatagaatta	atgaaagacc	120
ccagtgtagt	tggtcgagat	acagctgcat	ggactgtagg	cagaatttgt	gagctgcttc	180
ctgaagctgc	catcaatgat	gtctacttgg	ctccccgtct	acagtgtctg	attgagggctc	240
tcagtgtctga	acccagagtg	gcttcaaatg	tgtgctgggc	tttctccagt	ctgggtgaag	300
ctgcttatga	agctgcagac	gttgctgatg	atcaggaaga	accagctact	tactgcttat	360
cttcttcatt	tgaactcata	agttcagaag	ctcctagaga	ctacagacag	acctgatgga	420
caccagaaca	acctgaggag	ttctgcatat	gaatctctga	tggaaattgt	gaaaaacagt	480
gnccaaggat	tggtaatcct	gctgnnccag	aaaaacgact	tttggncatc	atgggaacga	540
ctggcacang	gtcttcaana	tggagtcnca	tatccgagcc	cattccattg	gaatnccgtt	600
caangacttn	ntct					614

&lt;210&gt; 410

&lt;211&gt; 611

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(611)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 410

cgagggtaccc	atgttatgct	ttcacctctc	accccaatgg	agtcacacag	gcctgagttt	60
gaacagttaa	cacagcttgg	aagggaacaca	tgccctgattc	ccatccttgg	agaacaatat	120
catgctatga	ggagtaggaa	gggcaagaga	tatgaaaaga	acagaggaaa	tgtggttcct	180
agaagtcaga	aggcatcaag	ggtccatcag	tgtagaagtg	gctggggcgg	gagacgtaaa	240
cctcatccac	ggtgttctgg	ccagccaaca	gtgggtcacc	attcggcatg	atttcttcaa	300
tctttacaca	gtttctgaag	atttccattg	gctcagtgtt	caaagtgtctc	agatcacagg	360
gcaaactctgg	ctctggcact	ggctgtgata	caggctcctt	gtctggctct	ggcactgntt	420
gtgataccca	tgcatagtgt	gggctctatc	acangctcca	gagtggactt	cagcacagac	480
tctagctttt	ggccccagaa	tccagccttg	nctttaacca	gtggctntta	atncaggctg	540
acctctggct	ntggcaccag	ncctagtcca	gcttntaang	ctccantttt	gctntggttt	600

aagctccacn g

611

<210> 411  
 <211> 590  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

<400> 411  
 ggtacccttg tctttaaag gattccccct tataaggact cttcaagtaa atccacacat 60  
 atatagtcaa ctaatttttg acaaagacac caagaatata caatggggaa aggatagtgt 120  
 cttcaataaa cagtattgga aatactggat atccacatgc aaaagaatga aattggatga 180  
 aatatgggtga aattatttta caccgtaccg gctccccaac gtgcacggca ggagctacgg 240  
 cccagcgccg ggcgctggcc acgtgcagaa atggagtttc atcatgttgt cctctcgaac 300  
 tcttgacctc aagtgatcca cccgcctcgc ccttccaaag tgctgagatt acaggaagag 360  
 tctaacctgt ctctgcaagc tcttgagtcc cgccaagatg atattttaaa acgtctgtat 420  
 gagttgaaag ctgcagttga tggcctctcc aagatgattc aaaccagat gcagacttgg 480  
 atgtaaccaa cataatccaa gcggatgagc ccacgacttt aaccaccaat gcgctggact 540  
 ttgaattcag tgcttgggaa ggatacgggc gctnaaagac atcggaacan 590

<210> 412  
 <211> 609  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(609)  
 <223> n = A,T,C or G

<400> 412  
 ggtacagaag atgctgtgga ctattcagac atcaatgagg tggcagaaga tgaaagccga 60  
 agataccagc agacgatggg gagcttgacg cccctttgcc actcagatta tgatgaagat 120  
 gactatgatg ctgattgtga agacattgat tgcaagttga tgcctcctcc acctccaccc 180  
 ccgggaccaa tgaagaagga taaggaccag gattctatta ctggtgtgtc tgaaaatgga 240  
 gaaggcatca tcttgccctc catcattgcc ccttcctctt tggcctcaga gaaagtggac 300  
 ttcagtagtt cctctgactc agaactctgag atgggacctc aggaagcaac acaggcagaa 360  
 tctgaagatg gaaagctgac ccttcatttg gctgggatta tgcagcatga tgccaccaag 420  
 ctggtgccaa gtgtcacaga acttttttnc gaatttttca cctggaaagg tgttaccggt 480  
 tttctacgtc tttttggacc agggaagaat gtncatctcg gtttggcgga ntgctcgaan 540  
 aaagaggaag aagaagcncc gggagctgat ccaggaagaa cnatcccgg aagtggagtn 600  
 gctcantna 609

<210> 413  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<400> 413

ggtaccgcca	catcgctgac	tgggctggca	actctgaagt	catcctgccca	gtcccggcgt	60
tcaatgtcat	caatggcggt	totcatgctg	gcaacaagct	ggccatgcag	gagttcatga	120
tcctcccagt	cggcgcagca	aacttcaggg	aagccatgcg	cattggagca	gaggtttacc	180
acaacctgaa	gaatgtcatc	aaggagaaat	atgggaaaaga	tgccaccaat	gtgggggatg	240
aaggcgggtt	tgctcccaac	atcctggaga	ataaagaagg	cctggagctg	ctgaagactg	300
ctattgggaa	agctggctac	actgataagg	tggcctcgg	catggacgta	gcggcctccg	360
agttcttcag	gtctgggaag	tatgacctgg	acttcaagtc	tcccgatgac	cccagcaggt	420

<210> 414  
 <211> 621  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(621)  
 <223> n = A,T,C or G

<400> 414						
acatagtttt	atagtagcca	cagtaacttc	cagtgactgg	caaatttctt	tgcatacagct	60
ggcatgtgtg	gtgaatggaa	ttcccatgaa	cagctcttac	atccttccgc	tttctttcta	120
caggcctcgg	tcttgtttcc	aaagggtgact	gcagtgagga	tgttaaggctc	atgacctcta	180
gggataatgc	catccactca	ggaagaaaaga	tgctgagaaa	ctctagggat	atctaagttt	240
acatcacagg	gggagaatca	attgtggagg	ttttaagaag	acatttgaat	ttttgcccct	300
aatcaagaag	tgttttgcca	tctggtttac	attcaataac	tagttggctc	atcatttgca	360
gaaataaact	ttcctctaga	ttaggaaact	tcatcatgag	atctgagata	tactggtttg	420
gaaaggttnc	tcagttctct	tggctttcna	agtccecggc	cttggaaatgg	ggtnaaggcc	480
cattggangc	ncattnaatt	ggccttgggg	taaaggaaac	tttggantgg	cgnccaaatt	540
nnaaccggg	tgggccattn	nttttnacnc	ggtaaattaa	ggntgggccc	cggaaaattt	600
ggttttccgg	aananntttn	g				621

<210> 415  
 <211> 619  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(619)  
 <223> n = A,T,C or G

<400> 415						
acaagctttt	ttttttnttt	tttttttttt	tttttttaaa	gatcaacaaa	cattttatta	60
attctgattc	cttttatcat	gtgctttttt	atacaaagca	ctttnaaatn	cattacatta	120
tcttaaatat	ataataggag	tttctttcgg	attcagttta	aaaatgacaa	atagcattcg	180
ttgcgcccac	gttagaatta	cacccaaaatt	accatgngct	ggcacatacc	atcatcccac	240
tggtggctgg	aaaactgggt	tgcaggagtg	tctgcactga	gatgggccac	caccccagtg	300
gccatatagg	tatagatgag	ggaaggatgg	actanaanca	agctgggctt	tcngggctcg	360
ctatantcct	ttttcacttc	attccgtttt	ccccattgng	cnttgaaccc	aggggaatctn	420
nttgacccat	ccttggagct	nttaaaaagg	acctgngttt	aagggtgccnc	cntttgaaaa	480
ggggccccct	ttgnatnaaa	tgggccggtg	aaaaaggccc	tttngatttg	gancccaang	540
acnggggaaat	ttcacttngg	cattaacnan	tgtcnccgaa	atnttcnctn	ngntatgaac	600
tttantaana	tngnttngn					619

<210> 416  
 <211> 611  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(611)  
 <223> n = A,T,C or G

```

<400> 416
ggtacactaa ggtatgagct gaagcttttag gttctccgtg cttccctcaa gacctccttc      60
ttgctaacag aagcagtagg caattgctgc agtgcgtttc tcaccctgcc aataggtctg      120
tctgtatctc tgtaaaggaa aatagcctgg tccctcctgg cagtgccttg aagcttgatg      180
ctaattttta tatagcgtgg caagctgacc agcagtgccg ggccttgatc tgtattctgc      240
actatccctt tacttggttc ctggcactga atggctctcca gccctgaaga atcacgtgtg      300
atcacagcag ctgacctggg ctttctcccc gagaggaaagg ggcattgtcat ttttatttga      360
cagagggaaa atgggaaactg ccttgactgc ctttgntgng ctttcccgcg taagaaagca      420
ctgngtttaa actgtgcaat acactngctt tgccatngat gtaaattgtaa gaaaatccct      480
anctttaaaa cctantgggt tgaacnttat tatatnaaan actttttaac ctattnnngna      540
attingggnc cttgccggta agntttnggg ggggnaaach ngttncaaaa ggaaagggtcc      600
tttaactttt g

```

<210> 417  
 <211> 609  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(609)  
 <223> n = A,T,C or G

```

<400> 417
caggtagtga gacatcacat tactggccag tgttggaaca gaaactgccg caaacacccat      60
gagaaggcag gcaattttat actcttcttc tggactaatg ttttccgatt tttgtgaaga      120
aagagctacg accaatgcag gatcaatctc acaaggtaat ccggcagctg atgataactc      180
atacacattc attgcaacct tcatatcagt ttcccttgga atgtgatcct taaaatcttc      240
aattgaactt acaagaaaag gaatgtggta ggataacaca tctctaagtg cttcttggtg      300
caatgatcgg aaggataaaa ttacaccaat tattgtcatc ctcttcaaga cactgtcaac      360
agatgataat cttttaaaaca gtgcagccat ctggctctgt ttgtcaaagc tggctctcat      420
ttgtgttaac acatcaacat tctccaccac aagtttctta agttcaagca accttgatg      480
gaaatatgcc acataaggct ttcacttaga aacntcatat catatgggac taataagtct      540
ggataatgac ctcatctctg natgggtcaga atattcntnt gcattggaan gtaaatcaat      600
ttctggagg

```

<210> 418  
 <211> 643  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

<400> 418  
 ggtactcccg attgaagccc ccattcgtat aataattaca tcacaagacg tcttgactc 60  
 atgagctgtc cccacattag gcttaaaaaac agatgcaatt cccggacgtc taaaccaaac 120  
 cactttcacc gctacacgac cgggggtata ctacggtcaa tgctctgaaa tctgnggagc 180  
 aaaccacagt ttcattgccc tegtcttaga attaatccc ctaaaaatct ttgaaatagg 240  
 gcccgtatctt accctatagc acccncctta cccctcttag agcccactgt aaagctaact 300  
 taggcattaa cctttttaagt taaagattaa gagaaccaac acctctttac agngaaatgc 360  
 cncaactata tactaccggt atggcccacc atanttacct ccnatactnc ctacactatt 420  
 tncctatnaa cncancctna naatattaat ctcataatta ccagctanct ttnccttaacc 480  
 aatgncnat tanaaattaa anntattatn taccatactc cntgtntnctn nnataatgta 540  
 nngnananat tggnttcggc ttcaatttat nnggtcccaa aaatgcctan gcttaactcn 600  
 gnactngtnc gggcggcncg ttngnaaagg ggctgaaatt cng 643

<210> 419  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(607)  
 <223> n = A,T,C or G

<400> 419  
 accagaatat ggacacattc caagctttct tgtcgatgct tgcacatctt tagaagacca 60  
 tattcatacc gaagggtctt ttcggaaatc aggatctgtg attcgccctaa aagcactaaa 120  
 gaataaagtg gatcatggtg aagggttgctt atcttctgca cctccttggtg atattgcggg 180  
 acttcttaag cagtttttta gggaaactgcc agagcccatt ctcccagctg atttgcatga 240  
 agcacttttg aaagtcaac agttaggcac agaggaaaag aataaaagcta cactgttgct 300  
 ctctgtctt ctggctgacc acacagttca tgtattaaga tcttctttaa ctttctcagg 360  
 aatgtttctc ttagatccag tgagaataag atggacagca gcaatcttgc agtaatat 420  
 gcaccgaatc ttcttttagaa caagtgaagg cntgaaaag atgcttntac ccccggaata 480  
 gaagcttcca atacnggntt gaanaagnac cttgggcggg aacacnctta ngngggaat 540  
 tcngnccact tggnggccgt actaangggg nccaacttng gnccaacttt ggggaaacan 600  
 ggcanaa 607

<210> 420  
 <211> 494  
 <212> DNA  
 <213> Homo sapiens

<400> 420  
 ggtacatgag aacatatatt tattgcatga ttttctagat acacagtcta tgcattattc 60  
 atatacatctt atttttagcct aaagtgggtt tcaaattccag ttcttcaagc cataaatgac 120  
 caagatccaa gcaatctgaa tttgtttttg tgattatttg actggaatgc ttcttaagt 180  
 gaataactat actccgttat ccacccgatt tcctaattgta attgaaagat tttctat 240  
 gccacacact tggagacaat aagggttttt agttttatct actcttctat tgaagttaaa 300  
 gaaagaaaaa aagatttttt tatttgtatt aatgaaaagc tttagtttaa aataaggaga 360  
 tccagaataa aaagaagaga ctgatctctt caattattgt catctgtagc caccagcaca 420

tcactcttat gtaatcccca aaggcttgge atgccgtaag tgtgtggtgg ggtagactgc 480  
tgccggggaa tcgt 494

<210> 421  
<211> 366  
<212> DNA  
<213> Homo sapiens

<400> 421  
ggtaccaagg ttattgatca agtcagcctt ggtcattcca attccagtat ccacaatagt 60  
gagagttcga tcttgtttgt tcggtataag gttaatatgc agctctttcc cagagtctaa 120  
tttactggga tctgtcaagc ttcataccg gattttgtcc aatgcatctg atgaatttga 180  
aatgagctct ctcagaaaaga tctctttgtt cgagtagaaa gtattgatga tcaatgacat 240  
caactgggca atttctgect gaaaggcgaa cgtctcaacc tctctctcct ccatcggttg 300  
gtcttgggtc tgggtttcct caggcatctt ggctaagtga ccgcacagga ccaacggcac 360  
agccac 366

<210> 422  
<211> 418  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(418)  
<223> n = A,T,C or G

<400> 422  
ggtacaagag tgtttcgatga aatccgtttt taaaatgaac atctctgtgt gccacagttc 60  
ctaggactgg ggcaaggaca cagtgtcaag tcttgttttg aggatgagtc tctgaagaga 120  
cagaattcct gccagaatgc gcacagaaca taagtcagcc aagtgtgtcg tgccagggat 180  
actttgactt tggtttgctg ctgctgctag ggatattggg agggttatcc ttccagggtt 240  
gtaggagagg gttgtgggta aaggtctgtc gttaaaggacc cctggctgct agctccaact 300  
gattccgcat gcgttggtca cgtctcnca gctgacgccg tcatttcage atttttccag 360  
ccttttttga aagctctcta ggaagccttt ccgtggaggt aatttgtcca ggtcatgt 418

<210> 423  
<211> 374  
<212> DNA  
<213> Homo sapiens

<400> 423  
ggtctattct gcataatagag aactgagggc tttccctgag aaacagttga gttgtgttgc 60  
caaccagaat ggctcgcaag ctgactgtga gctcggaat ccttttataaa gaaattcaaa 120  
tgtcactttt tatttggttt taagtacacc tgattttcat gacaaatacg gtaatgctgt 180  
attagctagt ggagccactt tctgtattgt tacatggaca tatgtagcaa cacaagtcgg 240  
aatagaatgg aacctgtccc ctggtggcag agttacccca aaggaatgga ggaatcaagt 300  
aatcatccca actggtgtaa taatgaattg tttaaaaaac agctcataat tgatgccaaa 360  
ttaagcact gtgt 374

<210> 424  
<211> 610  
<212> DNA



&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(610)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 424

ggcggagctt	gaggaaaccg	cagataagtt	tttttctctt	tgaaagatag	agattaatac	60
aactacttaa	aaaatatagt	caatagggtta	ctaagatatt	gcttagcggt	aagtttttaa	120
cgtaatttta	atagcttaag	attttaagag	aaaatatgaa	gacttagaag	agtagcatga	180
ggaaggaaaa	gataaaaggt	ttctaaaaca	tgacggaggt	tgagatgaag	cttcttcattg	240
gagtaaaaaa	tgtatttaaa	agaaaaattga	gagaaaggac	tacagagccc	cgaattaata	300
ccaatagaag	ggcaatgctt	ttagattaaa	atgaagggtga	cttaaacagc	ttaaagttaa	360
gtttaaaagt	tgtaggatgat	taaaataatt	tgaaggcgat	cttttaaaaa	gagattaaac	420
ccgaagggtg	attaaaagac	cttgaaatcc	atgaccgcag	ggagaattgc	gtcatttaaa	480
gcctagttaa	cgcatttcct	aaaccccgaa	ccaaaaatgg	ggaaggatta	attgggagtg	540
gtaggatgaa	ccaanttggg	ngaagatgaa	gttggaagtg	gaaactggaa	aaccgaaaagt	600
ncctcgccc						610

&lt;210&gt; 425

&lt;211&gt; 368

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 425

ggtataagtt	cagagagaaa	gattccttcc	caagggtcatg	cagctagtaa	atgatagaat	60
caggattcat	agcatcacta	taggggggtca	atatttacac	aaaaaaggaa	agtcacaagc	120
ctgtttaaaa	tgaagtgacc	accttttctt	gcatagacta	aataactcga	actggcattt	180
ttagggttga	aagacagctg	aattagtagt	taagtctgat	agccaagtaa	gttttaaaaa	240
ccaaagcatc	caggatgcac	acccttgcac	catttgctgt	gcgaattaat	agttctgtct	300
ctctctctct	ttcttttttc	tttttattct	ttgagatgga	ttttcgctct	tgtcgcccag	360
gctggagt						368

&lt;210&gt; 426

&lt;211&gt; 630

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(630)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 426

actaccacag	cctttaagtg	acattgattt	ataacttggg	cacaattcac	tgcatttagg	60
aaaaccagca	ttcttatctg	gtcagtgtct	gcttcttagc	aaccctaat	taaatttaaat	120
tcactcttaa	atcttagctt	caactttatt	caattacatt	tggtgacgg	ctgttttcta	180
aaacccttaa	gtgttgacca	taaatgcaaa	acttccagta	tctgttgggt	tttattagca	240
gatgctgctt	ttatttaaaa	aaaaccgaca	gtataactgt	cataattatg	gaaggcactg	300
cttccgataa	ttatattcta	ttaaaaaac	accatttata	gtgaactctg	tcactgataa	360
ataaacaata	aatatctcag	tgccaaaagg	acagaaagct	ctcccctaag	attaacactt	420
tggccaaaat	ttggtagcat	attattcttt	aaagtctgac	aaactgagtc	tgcaactaaa	480

cacctgaaac	tggtctcttt	caatgggctt	tggaagaacc	aaaataccaa	gaactaaatg	540
gaggcttatg	ggggaagggn	cgaggaaaata	aatatctaag	cnttggttc	tggccctctt	600
tcataaannc	ctgaggtaca	tattangctn				630

&lt;210&gt; 427

&lt;211&gt; 224

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 427

ggtgggaggg	tggtgtccac	tgcccagttc	cggtgtcccga	tgcccagcgc	cagcgcgcagc	60
cgcaagagtc	aggagaagcc	gcgggagatc	atggacgcgg	cggaagatta	tgctaaagag	120
agatatggaa	tatcttcaat	gatacaatca	caagaaaaac	cagatcgagt	tttggttcgg	180
gttagagact	tgacaatata	aaaagctgat	gaagttgttt	gggt		224

&lt;210&gt; 428

&lt;211&gt; 543

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(543)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 428

ggacgctctc	agctctcggc	gcacggccca	gcttccttca	aatgtctac	tggtcacgaa	60
atcctgtgca	agctcagctt	ggaggggtgat	cactctacac	ccccagtg	atatgggtct	120
gtcaaaagct	ataactaactt	tgatgctgag	cgggatgctt	tgaacattga	aacagccatc	180
aagaccaaag	gtgtggatga	ggtcaccatt	gtcaacattt	tgaccaaccg	cagcaatgca	240
cagagacagg	atattgcctt	cgcctaccag	agaaggacca	aaaaggaact	tgcatcagca	300
ctgaagtcag	ccttatctgg	ccacctggag	acggtgattt	tgggcctatt	gaagacacct	360
gctcaagtat	gacgcttctg	agctaaaagc	ttccatgaag	gggctgggga	accgacgagg	420
actctctcat	tgagancatc	tgnttcagaa	cccaacccag	gaagctgcan	ggaaantaac	480
cagagtctac	caagggaat	gtaccctnng	gnccgngaac	cacgcttaan	gggcgaaatt	540
cca						543

&lt;210&gt; 429

&lt;211&gt; 346

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 429

actatctttt	cattcagtc	cttaagcagc	ttactcttca	atgccaaaca	aactttattt	60
tttaaatagt	cttaaaagtg	cttaagggag	ttctgggtcc	tcttttttagc	ctgcacagtt	120
taagatcaat	ggtaaaggta	ggaaataatc	ataagggcac	tggaagaagg	aatgagtcta	180
aataatgtat	aatgactgtt	ccgccatacc	aattttgtca	tggtgattat	tcactaattt	240
tataggagag	tgtattgaga	tctgctacag	cttcttggat	ctttgaagca	ctgctgaatt	300
acatacacaa	agcagagcag	atgtcagcac	ctgattaatc	agtacc		346

&lt;210&gt; 430

&lt;211&gt; 605

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(605)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 430

ggtggcgcg	ccgaggtaca	gctgggtgctt	ctgccttacc	ccatcctctc	ctctcagatt	60
caccgaggac	tggttcaggtg	gtaacattct	cttagggtag	ggaactctgc	agagggagag	120
ctgaggaggt	tccggccata	gttgtttgta	atcttagggc	tctgggcttg	gctgaaacat	180
gacggtattg	cttgggtttca	ggcttgacac	tgccaggcgc	ctattgcttg	acctctgttt	240
aaatgaggga	cttcaagact	agacagcatg	gctcttttca	gtttattgca	tgaaggagtt	300
acactagtcc	aagttaaaag	cggaccccaa	atgggtacat	tatacaagct	gtgagggttt	360
taaacctgtg	acaagggaga	gaagggaaat	tctactcatt	gcaaggaaat	cctcacttaa	420
gcttcagtga	gccacaagca	cttaaaaccc	atgaaccttc	agctgatcgt	ccttagccag	480
tccaatctct	acgaggaact	ggcatatgtc	ttgcgttggc	accctgtagc	tgaattactt	540
ctcatattcn	gatgctaatt	ncagacctgn	ccggcggccg	tcaaaggcna	atccacnact	600
gnngn						605

&lt;210&gt; 431

&lt;211&gt; 430

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(430)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 431

acactaccaa	cagatcaaag	aaacccctcc	ggccagtga	aaagacaaaa	ctgctaaggc	60
caaggtccaa	cagactcctg	atggatccca	gcagagtcca	gatggcacac	agcttccgtc	120
tggacacccc	ttgcctgcca	caagccaggg	cactgcaagc	aaatgccctt	tcttggcagc	180
acagatgaat	cagagaggca	gcagtgtctt	ctgcaaagcc	agtcttgagc	ttcaggagga	240
tgtgcaggaa	atgaatgccg	tgaggaaaga	ggttgctgaa	acctcagcag	gccccagtgt	300
ggttagtgtg	aaaaccgatg	gaggggatcc	cagtggactg	ctgaagaact	tccaggacat	360
tatgcaaaag	caaagaccaa	aaaanaaann	nnaaaaaaaa	aagcttgtac	ctnggccgng	420
accacgctaa						430

&lt;210&gt; 432

&lt;211&gt; 479

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(479)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 432

acaagctttt	tttttttttt	tttttttttt	ttggaacgta	ggctttctct	tgtctttatt	60
ctggggagga	ggaatcctcc	tcacatctct	cctcatcttc	atcattgaac	gaacaggggg	120

tctcgctcg	ggactcggag	cagtgaagag	ccgcactgct	ggactgggtga	ctgtttgggg	180
ccaggaactg	cccagttgct	aaggccactt	ctgcatccaa	gcataaccct	tggtttacac	240
ttgactgggg	taagggtggca	ccagtgggtca	ggtctaaatt	tgaaactgat	tgggtagaag	300
ttcagaagta	gtccctgatt	taaccaagaa	ggtcctgtgg	agatatctgn	gatataacct	360
tctaaagcct	ttggcaccag	ggatttcgca	agttttcaan	atcctccaga	gagcatttgc	420
ctgacttcag	gcnaaacgac	attcccatnc	gctttangac	cttgggcgng	accacgcta	479

<210> 433  
 <211> 600  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(600)  
 <223> n = A,T,C or G

<400> 433						60
ggtaccaaac	aataaccaccg	accaggagct	gcaacacatt	cgcaacagcc	tcccagacac	60
agtgcggatt	aggcgggtgg	aggagcgggt	ctcagccttg	ggcaatgtca	ccacctgcaa	120
tgactacgtg	gccttggtcc	accagactt	ggacagggag	acagaagaaa	ttctggcaga	180
tgtgctcaag	gtggaagtct	tcagacagac	agtggccgac	caggtgctag	taggaagcta	240
ctgtgtcttc	agcaatcagg	gagggtctgt	gcatcccaag	acttcaattg	aagaccagga	300
tgagctgtcc	tctcttcttc	aagtccccct	tgtggcgggg	actgtgaacc	gaggcagtga	360
ggtgattgct	gctgggatgg	tggatgaatga	ctgggtgtgcc	ttctgtggcc	tggacacaac	420
cagcacagag	ctgtcagtggt	tggagagtggt	cttcaagctg	aatgaagccc	agcctagcac	480
cattgccacc	agcatgcggg	attccctcat	tgacagcctc	acctgagtca	ccttccaagt	540
tgttccatgg	gctcctggct	ctggactgtg	gccaaccttc	tnacatttcc	gccaatctgt	600

<210> 434  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 434						60
ggtaccaacg	cgctaagaaa	tcagctccaa	ttcgaagtgc	acctgttccc	cccaaagatt	60
gcacacctcc	tacctgcttc	tccttgagtg	ctgggctgtc	atcccccaagg	gcaagacgag	120
aagcacagct	ccggaactca	gccaggccca	ggattggcag	atactcgtga	tttaggctat	180
tgctattagc	aatcttctgc	tccactttct	tcactactgg	caaaacccag	ggatggcagt	240
catccgtgcg	atatgctccc	actcccaggt	tgaccttgcg	gggggtccgga	tcctccctga	300
agtcggcagt	gagcttgaag	accaggacag	gctgggcctg	cggaaacctcg	gcaaagactg	360
acggaggtgc	catatcgaga	gactaggaat	caagagattt	caccccacgc	ccggagc	417

<210> 435  
 <211> 672  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 435  
 ggcagagaac gatgtggaca atgagctctt ggactatgaa gatgatgagg tggagacagc 60  
 agctggggga gatggggctg agggccctgc caagaaggat gtcaagggct cctatgtctc 120  
 catccacagc tctggctttc gtgacttcct gctcaagcca gagttgctcc gggccattgt 180  
 cgactgtggc tttgagcatc cgtcagaagt ccggcatgag tgcacccctc agggcattct 240  
 gggaatggat gtccgtgtgc aggccaaagtc gggcatggga aagacagcag tgtttgtctt 300  
 ggccacactg caacagctgg agccagttac tgggcagggt tctgtgctgg tgatgtgtca 360  
 cactcgggag ttggcttttc aagatcagna aggaatatga gcgcttcttt taatacatgc 420  
 ccaatgtcaa aggttgctgg tttttttggt gggctggcta tcaagaaagg atgaagaagg 480  
 tgctgaanaa anaactgccc natattcgtc ctgggggact tcaagcccgt atnctaanc 540  
 tggtctcgaa ataagancct taancttaaa cncataaaca ctttatttgg atgaatgn 600  
 taanancttg aacagtngac atncttcgga tgtcnggaaa ttttncnatg acccccana 660  
 annnctntgn tt 672

<210> 436  
 <211> 469  
 <212> DNA  
 <213> Homo sapiens

<400> 436  
 ggtacaagct tttttttttt tttttttttt ttttttataa aagcattttta ttgaacacat 60  
 tctggaggta agttagaacc aaaacaaaat ttgggattgg ggtggggatt ctgttttgat 120  
 gatttagatt tgggaaaact ttggattctc gtgtcagcag gggccatgct gtgggaaacc 180  
 tgaaggctga tttgaagcag aatatagaac tgcggcacgg gagaccagg gctgggaatg 240  
 gggctctcct gggaaccaa gaatgtggtt ctgcaattgg cttggtctag actactctcc 300  
 agaaaaggat aaaacatggc ttgagcaact gcctagaaga ggcaatctcc atgggctggg 360  
 ttgctgcact tgggaaggcag tgacttgacag caggttctta gctcttgaag ctcttccggg 420  
 aggaggaggt ggtggagaca aatttgacgc tggggctgct acccccgcc 469

<210> 437  
 <211> 457  
 <212> DNA  
 <213> Homo sapiens

<400> 437  
 actgaggcat cttcttcagc atctgggaca ggtcccgcat ggtgggtctt ctctccagta 60  
 ttcattctct tgctagaaga aaaatctttc agagaccggg gtgacttctg ggacacctct 120  
 gcgatgtgct tgtggcgag tgctatccac aggtcgctgt cctcgtccag gagcacctcc 180  
 ttcacccgtg cctccccgat gccgctggtc tcatacttgt atacatcatt ttcgataggc 240  
 agcagatcat aactcatagc ctgaaaagtc aattcatgga gcacagggga gctgggggtca 300  
 aagcctcgat ccaggatcag gagctgggag cgtgccttgt ctgggccctc ccccatgtgt 360  
 ggatcatcag ctttataggc atcgagcttg tcctggatta gctgagccag cagggcattg 420  
 tccttgtatt cccccgata ccgcatagcc ggggtacc 457

<210> 438  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(731)  
 <223> n = A,T,C or G

```

<400> 438
accaattatt cagaatcaaa tggatgcact tcttgatttt aatgttaata gcaatgaact    60
tacaaatggg gtaataaatg ctgccttcat gctcctgttc aaagatgcca ttagactgtt    120
tgcagcatac aatgaaggaa ttattaattt gttggaaaaa tattttgata tgaaaaagaa    180
ccaatgcaaa gaaggtcctg acatctataa gaagttccta actaggatga caagaatctc    240
agagttcctc aaagttgcag agcaagttgg aattgacaga ggtgatatac cagacctttc    300
acaggccccct agcagtcttc ttgatgcttt ggaacaacat ttagcttcct tggaaggaaa    360
gaaaatcaaa gattctacag ctgcaagcag ggcaactaca ctttccaatg cagtgtcttc    420
cctggcaagc actgggtctat ctctgaccac agtggatgaa agggaaaagc aggcagcatt    480
agaggaagaa caggcacgtt tgaaagcttt aaaggaacag cgcctaaaag aacttgcaaa    540
gaaacctcat acctctttaa caactgcagc ctctcctgta tccacctcag caggagggat    600
aatgactgca ccagccattg acatattttc tacccttagt tcttctaaca gcacatcaaa    660
gctgnccaat gatctgcttg anttgcagca gccaaacttt caccatctg tacctttggg    720
ccngaacac g                                     731

```

```

<210> 439
<211> 470
<212> DNA
<213> Homo sapiens

```

```

<400> 439
ctgcgagcca ggattcccga tccagagaca atggccccga tgggatggag cccgaaggcg    60
tcacgcagag taactggaat gagattgttg acagctttga tgacatgaac ctctcggagt    120
cccttctccg tggcatctac gcctatgggt ttgagaagcc ctctgccatc cagcagcgag    180
ccattctacc ttgtatcaag ggttatgatg tgattgtctc agcccaatct gggactggga    240
aaacggccac atttgccata tcgattctgc agcagattga attagatcta aaagccaccc    300
aggccttggt cctagcaccc actcgagaat tggctcagca gatacagaag gtggtcatgg    360
cactaggaga ctacatgggc gcctcctgtc acgcctgtat cgggggcacc aacgtgctgt    420
ctgaggtgca gaaactgcag atggaagctc cccacatcat cgtgggtacc    470

```

```

<210> 440
<211> 353
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (353)
<223> n = A,T,C or G

```

```

<400> 440
ggtacattga agagaacaag tatagcagag ccaaactctc tcagccacct gttgaagaag    60
aagatgaaca cttcgatgac acagtgggtt gtcttgatac ttataattgt ggatctacat    120
tttaaaatat caagagatcg tctcagtgtc tcttccctta caatggagaa gttttgcttt    180
tctttgggct ggaggaagag catcctatgg tgtgtcaaaa ggcaaagtgt gttttgagat    240
gaaggttaca gagaagatcc cagtnaggca tttatatcnn nngatattga catacatgaa    300
gttcgnattg gctggncact actcnnntgg aatgntcttg gngaanaana att          353

```

```

<210> 441
<211> 647
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(647)  
 <223> n = A,T,C or G

```

<400> 441
acattattga tgaacgcagt gactctgaag aataatcaga ggatgacatg ggagagccca      60
atggcttcat tgattgcccc tccctgtgag gacagggaaa tgggagcttg tgggattctg      120
gggatgacag aggtgagtga ggtgaagccc taggggatgg tgaatggtag ctccggatcc      180
ctggtgagga gcttcctctt aagtctgagt tactgagagg gaagagggag aagctgggtg      240
aggctagcat cgtcgacctt ggggaatccg ggctggggga ctgttcacaa gaagagccag      300
acaagaccct actgttctta ggtgcagaca ggattatgaa acctgaagct cccagggacc      360
ccaacaaatt ttcaaaccct gagaatgaag gagtgtgtgt gactgtgaga gtgtgtgtgt      420
gtgtgtgtgg tgtgaggtat gcgctcctta agaaaatgga aataaaccaa ccaatgagac      480
agacagacag acagagactc acttatccaa gtgttctgtc cagtcctctg aatccggttc      540
caagtgcgaa gaccctttga gctccaagtc catcacagagc ccggcaaaat gctccggccc      600
gctgctcggc tcttgtgacg atctgagtac ctcgggccgn gaccacg      647

```

<210> 442  
 <211> 1002  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1002)  
 <223> n = A,T,C or G

```

<400> 442
acagaagttg aagtgaatc tactgaggag gcttttgaag ttttctggag aggccagaaa      60
aagagacgta ttgctaatac ccatttgaat cgtgagtcca gccgttccca tagcgtgttc      120
aacattaaat tagttcaggc tcccttggtat gcagatggag acaatgtctt acaggaaaaa      180
gaacaaatca ctataagtca gttgtccttg gtagatcttg ctggaagtga aagaactaac      240
cggaccagag cagaagggaa cagattacgt gaagctggta atattaatca gtcactaatg      300
acgctaagaa catgtatgga tgctctaaga gagaaccaa tgtatggaac taacaagatg      360
gttccatata gagattcaaa gttaacccat ctgttcaaga actactttga tggggaagga      420
aaagtgcgga tgatcgtgtg tgtgaacccc aaggctgaag attatgaaga aaacttgcaa      480
gtcatgagat ttgcggaagt gactcaagaa gttgaagtag caagacctgt agacaaggca      540
atatgtggtt taacgcctgg gaggagatac agaaaccagc ctcgagggtcc agttggaaat      600
gaaccattgg ttacctgacg tgggtttgca gagttttcac cnttgnctgc atgcgaaatt      660
ttggatatca acgatgagca gacactttcc angctgattg gaagccctta gagaaacgac      720
ttacttacga caaatggatg attggtgagt ttaacaaaacc atntaaagct tttaaagctt      780
ttgtaccaga aattggcaat gctggtttaa gtnaaggaaa anccccctgcc anggggaact      840
taatggaaan ggggaaaaaag atttngnccc aaattggaat tnaaccnccc gaaaaaaaaa      900
annnnnnaaa aaagancttg gncgggaacc ccccttaggg gaattcnncn ccttgggggg      960
cnntnntaan ggaccantt ggnccaaaat ttgggggaaan tg      1002

```

<210> 443  
 <211> 486  
 <212> DNA  
 <213> Homo sapiens

```

<400> 443
acattagtct taattgactt attacataat cgattcgtgt ctagttttga gagctttaag      60
ttctcaatta tagttctttg aaaactgaat agcaaataac aatatgatta acttcatatt      120
tattattttca acgatctttt ttataaccga gtttaatttt taaattaaat ttctaaaata      180
gattaccaat attaaaatac ctttaagatat ttatcttttag caataatagg caatattaaa      240
gttggtattaa ctttttaaatt aagtaagagt atttgggtgga tgccttgggt ctgaaagtcg      300
atgaaggacg cgattacctg cgataagctt cgtggagttg gaaataaaact atgatacggg      360
gatttccgaa tggggtaacc taactgagca aacctcagtt gcattttgat gaatccatag      420
tcaaattagc gagacacggt gcgaattgaa acatcttagt agcaacagga aaagaaaata      480
aatacc

```

```

<210> 444
<211> 625
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

```

```

<400> 444
gagggatgca cgttgcctta gccgagcttc ggagagaagc ctgatatgta acccaggcag      60
gtggggagcct cagtcgtgct ggctgaggtc tggcatctac aaagcctctt ggccgtgttc      120
tgaacttgaa gcctggagga gttctctgct cagcacagcc aaggaacaga attagaagaa      180
aaggaaccct ggcctgaggg aggtgacaaa cattaccacc ccagctgtgc acgatgcagc      240
agatgcaacc agatgttcac agaaggagag gaaatgtatc ttcaaggctc caccgtttgg      300
catcccgact gtaagcaatc tacgaagacc gaggaaaagc tgcggcctac caggacatcc      360
tcggaaaagta tttattctag gccaggctcc agtattcctg gctcaccagg tcatactatc      420
tatgcaaaag tagacaatga gatcctggat tacaaggatt tagcagccat tccgaagggtc      480
aaggcaatth atgacattga acgtccagat cttattacct atgagccttt ctacacttcg      540
ggctatgatg acaaacagga gagacagagc cttggagagt ctccgaggac tttgnctnct      600
acttcatcag cagaagggtg cctcg

```

```

<210> 445
<211> 1002
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1002)
<223> n = A,T,C or G

```

```

<400> 445
accacaactc ccaggatttt cctggatcaa accttgtatc tcttctgcaa gtattgtgta      60
tattggtctg agagacgtgg accctcctga acattttatt ttaaagaact atgatatcca      120
gtatttttcc atgagagata ttgatcgact tggatccag aaggtcatgg aacgaacatt      180
tgatctgctg attggcaaga gacaaagacc aatccatttg agttttgata ttgatgcatt      240
tgaccctaca ctggctccag ccacaggaac tcctgttgct gggggactaa cctatcgaga      300
aggcatgtat attgctgagg aaatacacaa tacagggttg ctatcagcac tggatcttgt      360
tgaagtcaat cctcagttgg ccacctcaga ggaagaggcg aagactacag ctaacctggc      420
agtagatgtg attgcttcaa gctttggtca gacaagagaa ggagggcata ttgnctatga      480

```



ccaacttcct	actcccagtt	caccagatga	atcagaaaaa	caagcacgtg	tgagaattta	540
ggggacactg	tgcaactgaca	tgtttcacaa	caggcattcc	agaattatga	ggcattgagg	600
ggatagatga	ataactaaatg	gttggtctggg	tcaatactgn	cttaatgaga	acattttacac	660
attctcacaa	ttggtaaagg	ttcccctcta	ttttggtgac	caatactact	ggaaatggaa	720
tttggnnttt	tgcaagttcac	aggggtantaa	tatgggtcag	taccttnggc	cgcgaaacacg	780
cttaagggcn	aattccacac	acttggggcgg	ccgttcttaa	nggatccgaa	ctnggancca	840
agcnttggcg	taaacatggg	cnataantgg	tttctggggg	gaaatgggtat	ccggttacaa	900
tttcccccca	nattccnaac	ccggaagnen	tnaagggtaa	aacccggggg	gccctaangg	960
ggngctaact	ccaaatnaaa	tggtttgngc	ttaatggccc	nt		1002

&lt;210&gt; 446

&lt;211&gt; 367

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 446

ggtacaaaaag	agtatgggct	cacaagaaga	tgattcagga	aacaaaccat	ccagttattc	60
ttgaaactaa	catccatcct	gagctaaaca	agagaaacta	ccatcttggc	cagtgcagaag	120
tggtcggagg	gcagcagaga	ggaccaagcc	tgtgtcacct	ggagactaag	aaattaagtt	180
ttgttttgac	atcttcagtc	ctgtgtgctt	tcagaaaacc	attttctctg	caaagaaaagg	240
aaacagatatt	gcaaaacttta	aagtctgtcg	tggttttatt	tatcttcaga	ttattgttac	300
tgcatataat	ctaccttttt	gttttaagtt	gcttgaaaaa	aaaaaaaaaa	aaaaaaaaaa	360
aaaaagc						367

&lt;210&gt; 447

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 447

actcttgggg	tggaagaagat	ctacacataa	caagttcaga	aaccacagtg	ataaactaac	60
ctaagaaaaa	cgtttaactt	ttatctacct	gaaacacaaa	attaaaaggc	aacctataaa	120
ctggaaaaaa	atatttgcat	caaatataac	aaaagattat	caatatcctt	aagatgtaaa	180
tggtctttgc	aaaacaatca	atagaaaaat	gactaggaat	tagaaaatca	tacacacaca	240
cacacacaca	cacacgcaca	cacacacaca	ccacaaatgg	ccaattgaca	catggtagag	300
atgttcagtc	accagcagac	aaagcaatgt	tcacatccac	agggaaaagca	gactcgatcc	360
gtcggaggag	caaagggttt	caatgtnata	aagcccgggt	ctgagggaaan	anggggaaggc	420
atcagggttt	ncctcaccca	gtgaagaaca	cctaattnga	aaaaaatccc	ttcccttgct	480
tggtggccagt	tttaaccaat	tatggaaccc	ttgaaagtct	ttaaagaagt	ttnaaccagt	540
caatttncct	ttcttcngaa	atgggtatgg	atttcaggca	tttcccaaag	gagggtttanc	600
cancgggacc	gttgaaaaaa	ggctcntggaa	ccttcnagg	gnaaagtcca	tttgccaagg	660
gtnttaattt	ttcttaagga	agggaaaaaa	aaaaancttg	naaaaatncc	ctnngattgn	720
ccccattggn	aancccggnn	atnggtttta	aatt			754

&lt;210&gt; 448

&lt;211&gt; 551

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 448  
 accagaaccg agttcgggat actcacaggc tcatcactca gatgcagctg agcctggcag 60  
 aaagtgaagc ttccttgga aacactaaca ttctgcctc agaccactac gtggggccaa 120  
 atggctttaa aagtctggct caggaggcca caagattagc agaaagccac gttgagtcag 180  
 ccagtaacat ggagcaactg acaaggga aa ctgaggacta ttccaaacaa gccctctcac 240  
 tgggtgcgcaa ggccctgcat gaaggagtcg gaagcggaag cggtagcccg gacggtgctg 300  
 tgggtgcaagg gcttgtggaa aaattggaga aaaccaagtc cctggcccag cagttgacaa 360  
 gggaggccac tcaagcggaa attgaagcag ataggtctta tcagcacagt ctccgcctcc 420  
 tggattcagt gtctcggctt caggagtcga gtgatcagtc ctttcaggtg gaagaagcaa 480  
 agaggatcaa acaaaaagcg gattcactct caagcctggt aaccaggcat atggatgagt 540  
 tcaagcgtac c 551

<210> 449  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 449  
 accttcaaca ggcattctcaa cagccccatc accaacacct gtgtgcaagg catagccatc 60  
 acgcggaaaa gtctcaggac tcagaactac accataaatg caggatcttt ttatttcata 120  
 taaaaatgat caatgtgaaa aaagccaaac tgtatgctgg ttttacagac tccgaccctt 180  
 cctgacagtc gtcttgtctg gccaggctgg gggcccagca ttcttggaag ggagagacag 240  
 cccggcatct cagtatttca ttgggacaac aagctggatg tggcagggaa agctgagagc 300  
 gccaaagtcc ccttgcttta tccaagctc ggagggacgc agcctggcat ggctctggcc 360  
 tagcagccag gtgacatggc caggcaactt cctgtacc 398

<210> 450  
 <211> 672  
 <212> DNA  
 <213> Homo sapiens

<400> 450  
 accttattag aaagcgacgg caaactatgt gccagcagcc gcggtaatac ataggtcgca 60  
 agcgttatcc ggaattattg ggcgtaaaagc gtccgtaggt tttttgctaa gtctggagtt 120  
 aaatgctgaa gctcaacttc agtccgcttt ggatactggc aaaatagaat tataaagagg 180  
 ttagcggaat tcctagtga gcggtggaat gcgtagatat taggaagaac accaataggc 240  
 gaaggcagct aactggttat atattgacac taagggaaga aagcgtgggg agcaaacagg 300  
 attagatacc ctggtagtcc acgccgtaaa cgatgatcat tagttggtgg aataatttca 360  
 ctaacgcagc taacgcgtta aatgatccgc ctgagtagta tgctcgcaag agtgaaattt 420  
 aaaggaattg acgggaaccc gcacaagcgg tggagcatgt ggtttaattt gattctacgc 480  
 gtagaacctt acccactctt gacatcttct gcaaagctat agagatatag tggaggttaa 540  
 cagaatgaca gatggtgcat ggttgtccgt cagctcgtgt cgtgagatgt taggttaagt 600  
 cctgcaacga gcgcaaccct tttctttagt tactaatatt aagttaagga ctctagagat 660  
 actggtctga cc 672

<210> 451  
 <211> 554  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1) ... (554)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 451

acacgctgcc	aaagtaattc	ctgctcatcc	atgcctgtgc	tctgtctctt	ttagagtcac	60
accttatttg	agtatagggt	gcttaatttt	gctagacttc	ctgaaaacac	taagggtggag	120
tatcagaagt	gatttttagt	acagttctgc	gggagagctt	agaataacat	cctccttttg	180
gaggtgggtc	tgggtgcgtg	gatgttggtg	tacagtcttt	attgtaagtc	tgatacaaaa	240
tgctaataaa	tttaatgttt	ttcttcctta	atattattggc	atagttcttc	aggtagcacc	300
tcatttttat	taatgatatt	gggattaact	atgaacaagc	tatatgtaga	catttgcatt	360
taaggacatt	gcagtgggtc	aaagatccca	tcattgcagc	ttgnatcctt	tagatccaat	420
cggaacttc	tggagcttac	attaaatgct	catttgagct	aaatagnaat	ctggtnaacc	480
aganttgggc	aatactttta	aaganactgg	ggacnattan	ggntagannng	ggctatttcc	540
ccttttaggg	nggg					554

&lt;210&gt; 452

&lt;211&gt; 566

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (566)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 452

acaaataaat	tgtatgcttt	cggataaagt	gacatgttta	tatgggtgata	aaggggaatta	60
taatgctctt	aactcttatg	tagtatgttc	tcatcaaaat	caccaagcat	gagaacactg	120
tttagtctca	ttcatcactc	agcacagcct	ctttctgtcc	acttcagggc	caagtctttg	180
ccatggcccc	acataacgtg	taaattagct	tcagggatca	aaaatctttg	aaaaccagct	240
ttgctgagcc	ttgaaggaag	ccttttagacc	cagcttcaat	gaagtcacag	ctccctgagg	300
gtcctgggtg	actggaggcg	gcctcccaag	cctgggagct	gtgtgcctgg	atgggtctcac	360
tggggtgatg	accctgaagc	atggctccct	ctcaacctct	aaccttctct	aacacaagtc	420
acccttggnc	ccttgagcac	tcctgaagtc	cctttgaaag	gacatttcta	ggctnctaag	480
angcctggtt	ccttcagctg	gcacctnann	tttaccagcc	nggnangcag	gntttccaan	540
ttntgctggg	tnaanaaanc	ccgncc				566

&lt;210&gt; 453

&lt;211&gt; 688

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (688)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 453

ggtactecta	cttcattttt	gaaggcttgt	aactgctgag	gtgtagggtgc	tgtcacattc	60
aacattttca	ctgccacatc	accatgccac	tttcccttgt	agactgttcc	aaatgatcca	120
gatccaattc	tttgtcccaac	tgtaatctgc	ccatcaggaa	tctcccaatc	atcactcgag	180
tcccgtctac	caagtgtttt	cattcgattc	ctgtcttctg	aggatgaaga	tgacttcctt	240
tctcgctgag	gtcctggaga	tttctgtaag	gctttcacgt	tagttagtga	gccaggtaat	300

## WO 99/64576

## PCT/IB99/01062

gaggcagggg	gggtagcaga	caaacctgtg	gttgatcctc	catcaccacg	aaatccttgg	360
tctctaataca	agtcatacaat	attgacaggt	tctattgtgt	ttatatgcac	attggggagc	420
tgatgaggat	cggncctggt	gccccaaattg	aattccatga	tcttcatctg	ctgggccgaa	480
nggctgngga	aatggaatgg	gttttgaaga	gaccgactgg	tgagaattgg	ggcccaatan	540
aatcnaggcg	ggtgccgaaa	gggatgaten	cantgtaggc	agtctttggg	aaggacctn	600
ttctgnggga	ttgggggggt	taannacttg	gggacaaccg	caaatcaant	ggcctattaa	660
nccttaggga	aattntanct	gccngggg				688

&lt;210&gt; 454

&lt;211&gt; 565

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (565)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 454

actggctgcg	aggcgccagt	cgatcaatgt	atgacaggag	ctgagacttg	gccacaccag	60
gatcccccat	cagacagatg	ttgatgttgc	cccggatttt	catgcctcga	ggagactggg	120
ccacaccccc	gactgcagg	agcagcagtg	ccttcttcac	atcttcatgc	ccgtatatatt	180
ctggggcgat	tgaagctgcc	agcttttctg	agaaaatcct	cctctgcaat	ttgcctcagc	240
tcttccctgg	tgagctctcc	agccccagac	tcatacctc	cactcttggt	catcttcaca	300
atccgatggg	cttccaggta	ggtttctgag	agtaaaccct	gtacttgatg	cactttgcac	360
agacaggggtg	tggtgaatag	gcattatattt	ataaggaaaa	gaagtctgtg	gtgactgggt	420
tgaataaaag	tggtaatggt	gatggagggg	agntcttttg	gatttgccctg	gtantgctga	480
tgggagacng	gagaccacct	ngggcgcgaa	cacgcttaag	gggganaatt	cngcacactg	540
gggggccgta	ctataggnng	ccnnc				565

&lt;210&gt; 455

&lt;211&gt; 566

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (566)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 455

acagtcctga	ttgcatcata	attgtgggtt	ccaaccaggt	ggacattctt	acgtatgtta	60
cctggaaaact	aagtggatta	cccaaacacc	gcgtgattgg	aagtggatgt	aatctggatt	120
ctgctagatt	tcgctacctt	atggctgaaa	aacttggcat	tcaccccagc	agctgccatg	180
gatggatttt	gggggaacat	ggcgactcaa	gtgtggctgt	gtggagtggt	gtgaatgtgg	240
caggtgtttc	tctccaggaa	ttgaatccag	aaatgggaac	tgacaatgat	agtgaataat	300
ggaaggaagt	gcataagatg	gtggttgaaa	gtgcctatga	agtcctcaag	ctaaaaggat	360
ataccaactg	ggctatttga	ttaagtgtgg	ctgatcttat	tgaatccatg	ntgaaaaatc	420
tatccaggat	tcaccccng	tcaacnatgg	tnaaagggga	atgtatggca	ttggagaaat	480
gaanctttcc	tngncccttc	entgnatccc	ncaanggncc	cggggattna	acnagcggtt	540
ttnaancccn	aanctttaag	ggnnggg				566

&lt;210&gt; 456

<211> 559  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(559)  
 <223> n = A,T,C or G

```

<400> 456
ggctcctggcc tcagcccgcc acatcacccct gacctgctta cgcccagatt ttcttcaatc      60
acatctgaat aaatcacttg aagaaagctt atagcttcat tgcaccatgt gtggcatttg      120
ggcgctgttt ggcagtgatg attgcctttc tgttcagtgt ctgagtgcta tgaagattgc      180
acacagaggt ccagatgcat tccgttttga gaatgtcaat ggatacacca actgctgctt      240
tggatttcac cggttggcgg tagttgaccc gctgtttgga atgcagccaa ttcgagtgaa      300
gaaatatccg tatttgtggc tctgttaciaa tggtgaaatc tacaaccata agaagatgca      360
acagcatttt gaatttgaat accagaccaa agtggatggg gagataatcc ttcattcttta      420
tgacaaaagga ggaattgagc caacaattgn atgttggatg gtgggttgca tttggtttac      480
tggatactgg catagaaagt ggtntctggga gaaaaaccta tgggggcaga ncntttttta      540
agcctggcca ananaggnt

```

<210> 457  
 <211> 552  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(552)  
 <223> n = A,T,C or G

```

<400> 457
gttacgacaa aattttaagag gaataacaaa tacaaatttt ctgttaagaa cggaaagggtg      60
caaactagca gagtcaatac tggttaaccag aaggcactaa tccaaacaca taaatttcaa      120
aagctgggta tattatggaa taccatatat actggccttt gccagtttgg gatttctgca      180
atagcaataa gcctcgtttc tgtttccaat tataacaaca aaaagatgag ttactaatga      240
acattccact acagaagtct aggctatggt gataaattga aaacttatct agactactct      300
gtctaagagc aataaaaaagt aaacactctt ttatccagca gcactaggaa acaggggtgaa      360
tttaccaaga taaattaggt tggggatacc tactgccaac ttgtgcggtt gtcgaattca      420
ctgnaatatg tattcctctt attgatagag ctcttgaatg naaaccacct anaagtgagg      480
ggaaaagctt caggatcatg gnccacaatt atgntatagn gcttttngng ggtngagccn      540
aaccctgntn cc

```

<210> 458  
 <211> 561  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(561)  
 <223> n = A,T,C or G

<400> 458  
 accccaacaa tcttcaagcc acagtccaag agaagtctca ggaaagcaga cgtagaggaa 60  
 gaatccttag cactcaggaa acgaacacca tcagtaggga aagctatgga cacacccaaa 120  
 ccagcaggag gtgatgagaa agacatgaaa gcatttatgg gaactccagt gcagaaattg 180  
 gacctgccag gaaattttacc tggcagcaaa agatggccac aaactcctaa ggaaaaggcc 240  
 caggctctag aagacctggc tggcttcaaa gagctcttcc agacaccagg cactgacaag 300  
 cccacgactg atgagaaaaac taccaaaata gcctgcaaat ctccacaacc agaccagtg 360  
 gacaccccag caagcacaaa gcaacggcca agagaaacct caggaaagca gacgtagagg 420  
 aagaattttt agcactcagg aaacgaacac catnagcagg ccaagccntg gncaccccaa 480  
 aaccngcngt nagtgggtga gnaaaaattt cncctanttt tgggnaactt ccgngcгаа 540  
 ntntggccn tntttggnaa a 561

<210> 459  
 <211> 468  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(468)  
 <223> n = A,T,C or G

<400> 459  
 ggtacctcga catcctgaac actggataaa aaagttgatt aaatccagaa gtgcgatgtc 60  
 cctgtcttgt ttatatgatt caatccagtc atccaccacg gactgcattg cacttttccc 120  
 cagtttcacc acctcaaata atgtgacagg ctccccctcc ccattctgtt gaggggtgtcc 180  
 attagctctt ccacggcctg ctcccttaat tccagcttca attctgctct tctcacctgg 240  
 agattttcga ggtttcttat ttgtagatgg aggcgggcca ggacgacccc tttttctttt 300  
 tcttttgacc tctgtttctt caagctcgct gccagcatcg gaatgggcag tagtttcatt 360  
 agttgaatcc tgtaacactg gtaattctga agtaatcatt gctggagagg cctttcacaa 420  
 tgcagcaaaa taatcaagtg ctgnacctgg ccgggcccgg cgctcgaa 468

<210> 460  
 <211> 566  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(566)  
 <223> n = A,T,C or G

<400> 460  
 acttcttgca tgttgtcaca tgttgctgtg agaatcaggt gctgcctata tggctccact 60  
 gggagagggc agatggaagc cgtgcctca tctgtcgtgg aacgtgtgct gtgcacctcc 120  
 tccctttgct gatcttaatc tctgtccttt tactgtaata aactgtaact gtgagcctaa 180  
 cagctttcct gagtctagt agtccctcta gcaaatgaaa ggaggggtgg ctggagacc 240  
 tatgaacttg cacctgcccc cgtcgttttg aggtctggca cagggagggg ggctgggtctc 300  
 tttggagggg gtcttcatcc attggggctg ggtccaactc tggaggccca cgtccttgcc 360  
 agctccagtc tctctccct ctcagtcctc acgctgtcac cttgtgccct ctgtctgtgg 420  
 atcctgggaa gagctgntct ctctgctcac agctgaatan gagacatgcc cattagctga 480  
 ggcgcttgca tgcttgact actcgattgn caaangtnca agngntccca nnnnccccg 540  
 ggtctatgga naannggggg gnanan 566

<210> 461  
 <211> 570  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(570)  
 <223> n = A,T,C or G

<400> 461  
 ggtactatag catagcctgc ctttgcctggt gtgtggcgat taggcctggt ggaactgccca 60  
 tcaataaatc aagcgtgatc aggggtgagga acaggggaaga aggaaatgtg gggaaatggg 120  
 atgaacatca ggtggatcac agagatgcag tcatgggggt caggtgtggt atccggaata 180  
 atgtgggagg ctggattgaa gtccggggcca ggaacaatgg taattgtggg acttaacaaa 240  
 aagtgagaac agctgaagga gtcagggagc agaaagtata tgcgtcaggt gtgaggaaga 300  
 aaatagattt tggaagttat gagaaatgta gagagtgagt tgagcatagt ttgtgatttt 360  
 gagggcctct aatagtatta aagcagtggc agcccgtac accgcagaca tgangggctag 420  
 gctaaaacag taagggccaa gttgtttgca cagaaaggct tcaggggtgcc ggtcctggct 480  
 cttgggtaag aattttggac cggacttaac catgcctaag gaaggggaag gattgtngt 540  
 tttgtnaggg gacccagggt tgggaaaann 570

<210> 462  
 <211> 573  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(573)  
 <223> n = A,T,C or G

<400> 462  
 cgaggtacca ccagtatatg gaatgttagg gaaaaacttt gttccagttc cttttttttt 60  
 tctttctact ttcaagttta agtgaaccat actgaaatga ccaacaagtc tgcctgtaaa 120  
 gttacatgtc atgatttgtt tggttaaatga ttatggggga gaaaatgaag taaatgttgc 180  
 tgatgatccc catatttatt gatcatatta aggttgttta tatagtttgg aaatgaccag 240  
 ccccctaagc agtgtttgat taacttatgc taatcagatg attactcata tattctgcta 300  
 attttctagc tttattcttg ttatttggaa aaattattag ccaaatgcct tcctaggtgg 360  
 atccagttgg aagatatgtc cagaaacctg aagaaaaatt gacgctgcct ttgtgtgctg 420  
 gattgctcta cttgattaga tcatgatata tcaaggntga atttttagag ggaaaattaa 480  
 ttctgatatc ttattggatc ccttgataag ntttttctg gatttttttt tttcccaaaa 540  
 gaatttttca tttgngnctt ngcccggcgg gcc 573

<210> 463  
 <211> 574  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(574)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 463

accatatacct	gtgttttgaat	caaaccocgga	gttctttctat	gtggaaggct	tgccagaggg	60
gattcccttc	cgaagcccta	cctgggtttg	aattccacga	cttgaaagga	tcgtccacgg	120
gagtaataaaa	atcaagttcg	ttgttaaaaa	acctgaacta	gttatttcct	acttgcctcc	180
tgggatggct	agtaaaataa	acactaaagc	tttgacgtcc	cccaaaagac	cacgaagtcc	240
tgggagtaat	tcaaagggttc	ctgaaattga	ggtcaccgtg	gaaggcccta	ataacaacaa	300
tcctcaaacc	tcagctgttc	gaaccccgac	ccagactaac	ggttctaacg	ttcccttcaa	360
gccacgaagg	gaagagagggt	tttcttttga	ggcctggaaa	tgcccaaaat	cacnggcctt	420
aaaacaggaa	ggttggaaaa	tctctttcaa	tgagaaaatg	tggggnaact	cttgggcctt	480
aaacaagctg	tgaaagggtgc	ccggtcccg	taatttgggg	ccttttcccg	gaagacnttt	540
ttgtggaaag	gnntacctga	ngggggggcc	cttt			574

&lt;210&gt; 464

&lt;211&gt; 458

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 464

ggtactgccg	ctcggagatc	tttacttggt	tttactttga	acatgagcag	agaaaagaca	60
aagaaaaaga	tggccatggc	aaagctgac	cgatacacag	ctttataacc	aaccagcaca	120
tcacaatctt	tatctgcatt	tatatcagcc	tcattggattt	taaatcccc	ttcacaaaat	180
ccaggaatct	tcttcaagta	agtttccatc	tcttttctct	gcatgatata	ggatacgaca	240
gtgctcagga	ggagaatgaa	agcataaatg	aggcgagtca	ccgtggaatt	cttactgtta	300
ggacagcaac	tacacagcaa	acatgaggca	ccgctgcaga	ggcatggaac	ccagctggcg	360
agggagaaga	cacccagcac	agcccccatg	gtgacgccag	tgatggagggt	ggccgggtcct	420
gaggtgctt	tctaacacgg	tggttaactgc	cagctgag			458

&lt;210&gt; 465

&lt;211&gt; 580

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (580)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 465

gcggccgang	tacttcacca	tcactgactc	catggacttg	atcagccgnc	gctggatgta	60
tncagtctca	gnagtnttga	cagccgtgtn	aatgagcccc	tcacgacccc	ccatggngtg	120
gaaaaagaac	tcagtgggtg	tgaggccggc	taggtaggag	ttctncacaa	agccacggct	180
ctnaggcccc	tagtcatcct	tgatgaagtg	aggcagagtc	cggtgcttga	agccaaatgg	240
aatccgcttg	ccctcgacgt	tctgctgtnc	aacgacagcg	atnacctggg	agatgttaat	300
cttggaaacct	ttagctccgg	acacgaccat	anacttgaag	ttgttgtatt	canacaggga	360
tttctgagca	gaggagccag	tcttgtctcg	ggcatcgta	agaatgcggg	tcacctgatt	420
ctcaaactgc	tgncgcagan	tggtccctgg	ggngggctcc	agctcattgt	tgngngnctt	480
cttnatgacc	tctantacgt	cctgnttggg	gcttttaana	gggcctgaat	gncccgaggaa	540
ggntttanaa	ttncnatggg	gttcccaagg	ccanacttnn			580

&lt;210&gt; 466

&lt;211&gt; 566



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(566)  
<223> n = A,T,C or G

```

<400> 466
caagcctttt tttttttttt tttttttttt gggcatgcct gtgttgggtt gacagtgagg      60
gtaataatga cttgttggtt gattgtagat attgggctgt taattgtcag ttcagtgttt      120
taatctgacg caggcttatg cggaggagaa tgttttcatt ttacttatac taacattagt      180
tcttctatag ggtgatagat tggccaattt ggggtgtgagg agttcagtta tatgtttggg      240
atgttttagg tagtggtgtg tgagcttgaa cgctttctta attggtggct gcttttaggc      300
ctactatggg tgttaaattt tttactctct ctacaagggt ttttcctagt gtccaaagag      360
ctgntcctct ttggactaac agtaaattta cnagggggat ttaaagggtt ctggggggcca      420
aatttaaaag ttgaactaag aattctatct tggaccaacc agnttttcac cangcctcgg      480
gaagggttgg cgcgctntac ctattaaact tncccttatt ttgggaccta naccggnggg      540
ggctcctttt aacngggcnt aagggg

```

<210> 467  
<211> 597  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(597)  
<223> n = A,T,C or G

```

<400> 467
gcgtgggtccg gccgaggtag gtgatgcctt tacagctgaa aaatccaaga ttgagacaga      60
aatcaagaac aagatgcaac agaaatcaca gaagaaagca gaacttcttg ataataaaaa      120
accagctgct gtggttgctc ccattacaac gggctatacg gtgaaaatca gtaattatgg      180
atgggatcag tcagataagt ttgtgaaaat ctacattacc ttaactggag ttcattcaagt      240
tcccactgag aatgtgcagg tgcatttcac agagaggtca tttgatcttt tggtaaagaa      300
tctaaatggg aagagttact ccattgattgt gaacaatctc ttgaaaccca tctctgtgga      360
aggcagttca aaaaaagtca agactgatac agttcttata ttgtgtagaa agaaagtggg      420
aaacacaagg tgggattacc tgacccaggt ttgaaaangg agtgcaaaga aaaaggagaa      480
gcccttncta tgacactgga accagaatcc tngtnagggg attgatgaaa ggtcttaaga      540
aaaatttttg aagaangnga cattgatttt gaagcgnacc ctttattnan gcttgagg      597

```

<210> 468  
<211> 562  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(562)  
<223> n = A,T,C or G

<400> 468

ggtactggat	aaagggctga	catcaagagc	aaacagaagt	cttttcctag	tgcataatgca	60
aactggccaa	ttccttccaa	ctgaatgcat	atttgccaga	tgttactgtt	catggagcaa	120
atagtgggac	ttggcttttg	gaaggctaga	aaagatgtaa	cttggttaggt	gtgttcacca	180
gacgtgatgg	cttggaggcc	tgggtgctcc	atcatcagct	cctctcccat	ttcctcagtt	240
tcaagacagg	taaccaaaata	ccaattttct	tgacttggtt	attcttcaag	tatagatgtc	300
acaatctctc	tcagttcttc	tgggtttggt	ttaatatgtt	tttcgtgaag	atcctcaacc	360
tccagcccag	cagcccctgt	aaccagttca	ttaaggatca	tggcagcttg	cttccggtaa	420
accacagatt	gatggtaaag	ttccataaag	tgatccacaa	gcnaataaaa	gattnccata	480
ataaccaagt	agcttgacaa	acctggctna	agagcntgaa	gaatctctta	tccgtgaaga	540
aaccggaata	tcttctntng	gg				562

&lt;210&gt; 469

&lt;211&gt; 533

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (533)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 469

cgaggtacca	ataccaccaa	ttttgtagac	atcctggaga	ggcaggcgca	agggcttgtc	60
agttggacga	gttgggtgga	ggatgcagtc	cagagcctca	agcagcgtgg	ttccactggc	120
attgccatcc	ttacgggtga	ctttccatcc	cttgaaccaa	ggcatgttag	cacttggctc	180
cagcatgttg	tcaccattcc	aaccagaaat	tggcacaat	gctactgtgt	cggggttgta	240
gccaattttc	ttaatgtaag	tgctgacttc	cttaacaatt	tcctcatatc	tcttctggct	300
gtagggtggg	ctcagtggaa	tccattttgt	taacaccgac	aattagttgt	ttcacacca	360
gtgtgtaagc	cagaagggca	tgctctcggg	tctgccattc	ttggagatac	cagcttcaaa	420
ttcaccaaca	ccagcagcaa	caatcaggac	agcacaagtc	aggctgagat	gtcctgnaat	480
catgnttttg	ataaagctct	gggtcctggg	ccatcaatga	tagccatagt	acc	533

&lt;210&gt; 470

&lt;211&gt; 672

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (672)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 470

ggtacaccat	ataaacagca	gatgaagtcg	gagagatagt	ctaatacact	tagatcatgt	60
tccaccacaa	tgatatatct	atctggattt	attagagatc	gtatagtaat	agcagccttt	120
aaacgctgct	tgacatctag	gtaactagaa	ggctcatcaa	acatgaaaat	atcagctttc	180
tgtatgcaaa	cgacagcaca	agcaaattct	tgcaactctc	ctcctgaaag	atcttcaaca	240
tttcgttctt	ttaggtgggt	taaatcaagc	tgctgacata	caattgcctg	tgtctttggt	300
tcattctttc	ggtcacaaat	agatcccaact	gtcccccttg	cagccttagg	aatctggctt	360
acatattgag	gtttgatgat	ggcttttagg	tcattcttcta	gaatctttgg	aaagnaattt	420
tgnaattcag	atcccangaa	ataagtcaaa	atcttctggc	agtcaaggan	gatcatcgga	480
cctgncccg	ccggccgntt	cgaaaggcca	aattccagca	cacttggccg	gccggtactt	540
agnngaatec	nagcttcggg	ancccangcn	ttggcgnaaa	tcatngggca	taactgggtt	600

ccctggggggg aaaaatggta atccccggta ccaanttcnc cccnacatac cnaacccgga 660  
 agccttanag gg 672

<210> 471  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 471  
 cgaggtgagc tttgaaacaa ctgatgagag cctgaggagc cattttgagc aatggggaac 60  
 gctcacggac tgtgtggtta tgagagatcc aaacaccaag cgctccaggg gctttgggtt 120  
 tgtcacatat gccactgtgg aggaggtgga tgcagctatg aatgcaaggc cacacaaggt 180  
 ggatggaaga gttgtggaac caaagagagc tgtctccaga gaagattctc aaagaccagg 240  
 tgcccactta actgtgaaaa agatatttgt tgggtggcatt aaagaagaca ctgaagaaca 300  
 tcacctaaaga gattatTTTTg aacagtatgg aaaaattgaa gtgattgaaa tcatgactga 360  
 ctgagacctg cccggggccgg ccgtcga 387

<210> 472  
 <211> 241  
 <212> DNA  
 <213> Homo sapiens

<400> 472  
 ggtacgaatc gtctcctggc actgtgcagg cccacagctg acggcgatga cctccttcac 60  
 cagcttcttc tccttgagcc gcacagcctc ctccaccggc atctcacaga aggggttcat 120  
 ggagtgtctc acaccatccg tgaccacacc ggtcctgtca ggcttcactc ggatcttcac 180  
 ggcgtagtcg atgaccctct tgacagctac gagcacgcgc agtcccgcca tcttcccgcc 240  
 g 241

<210> 473  
 <211> 470  
 <212> DNA  
 <213> Homo sapiens

<400> 473  
 ggtactagtt cactatcggt gtctgattag tatttagcct taccgggtgg tcccggcaga 60  
 ttcagacagg gtttcacgtg ccccgcccta ctccaggatac atctatgaga ttttatgatt 120  
 tcgtatacag gaatatcacc ttctatgttg aagctttcca acttcttcta ctatcataaa 180  
 attttgaac tcaatgtaag atgtcctaca accccttttt acagggtttgg gctctttcgc 240  
 tttcgctcgc cactactgac gaaatcatta tttattttct tttcctgttg ctactaagat 300  
 gtttcaattc gcaacgtgtc tcgctaattt gactatggat tcatcaaaaat gcaactgagg 360  
 tttgctcagt taggttacc cttcggaaa tctccgtatc atagttttatt tccaactcca 420  
 cgaagcttat cgcaggtaat cgcgtccttc atcgactttc agaccctaagg 470

<210> 474  
 <211> 637  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (637)  
 <223> n = A,T,C or G

```

<400> 474
acctcttcct gataagattg aagtaaaaaac tgggtgaggaa gatgaagaag aattccttttg      60
caaccgcgcg aaattgtttc gtttcgatgt agaatccaaa gaatggaaaag aacgtgggat      120
tggcaatgta aaaatactga ggcataaaaac atctggtaaa attcgccttc taatgagacg      180
agagcaagta ttgaaaatct gtgcaaatca ttacatcagt ccagatatga aattgacacc      240
aaatgctgga tcagacagat cttttgtatg gcatgccctt gattatgcag atgagttgcc      300
aaaaccagaa caacttgcta ttaggttcaa aactcctgag gaagcagcac tttttaaatg      360
caagtttgaa gaagcccaga gcatttttaa agccccagga acaaattgtag ccatggcgctc      420
aaatcaggct gcagaattgt aaagaaccca caagtcatga taacnaggat atttgcaaat      480
ctgatgctgg aaacctgatt ttgaatttca ggntgcaaga aagaaagggc ttggtggcat      540
tgaaccactg ntcattaaga atgcttcact gctaaaaatg ngattatgcc aaattaancc      600
agcaataaga ctctgtggccc ccttaactga actgttt      637

```

<210> 475

<211> 647

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (647)

<223> n = A,T,C or G

```

<400> 475
ggtacaagcc atagtggaaa gaatgaatct ctccctaaaa tagcagttgc aaaagcagaa      60
agggggagac agagaatatg gaacccacac gatgcaactg aacctagcat tattaacagt      120
aaattttttg agcctgcccc aaggccacat gttatcagca gctgaagagc atctacagaa      180
accagctgca aggacaaaaa cagaacaact gatttggtgg agagatccga taacacgaag      240
ttgggaaata ggtaaaataa taacttgggg gagagggttat gcttgtgttt ctccaggcca      300
atatcaatag cctatttgga taccatcaag acacctgaaa ccttatcgtg agccagatgc      360
tgaggaatag actccgggag ggatcctgag aacccccccag ttgcagccat gtttgagact      420
gatgctgagg aggactccaa gtgtcacgag cacagccccc atctggggac agatcaagaa      480
gctgtcacag atggaagaag aaaaccttga ggaaagcagg acaatcggtc ccatgagtaa      540
aatctgatgg tagctataaa ccggttttan cacnccatgn tattctttng ttaaggctga      600
cncngagaac aattatacct antggggata tttatcatct tggtnng      647

```

<210> 476

<211> 665

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (665)

<223> n = A,T,C or G

```

<400> 476
accttattag aaagcgacgg caaactatgt gccagcagcc gcggtaatac ataggtcgca      60
agcgttatcc ggaattattg ggcgtaaagc gtccgtaggt tttttgctaa gtctggagtt      120
aaatgctgaa gctcaacttc agtccgcttt ggatactggc aaaatagaat tataaagagg      180
ttagcggaat tcctagtga gcggtggaat gcgtagatat taggaagaac accaataggc      240
gaaggcagct aactggttat atattgacac taaggggacga aagcgtgggg agcaaacagg      300

```

attagatacc	ctggtagtcc	acgccgtaaa	cgatgatcat	tagttggtgg	aataatttca	360
ctaacgcagc	taacgccggt	aaatgatccc	gcctgagtag	tatgctcgca	agagtgaat	420
ttaaaggaat	tgacggggaac	ccgcacaagc	cggtggaaca	tgtgggttaa	tttgattcta	480
cgccgtagaa	ccttaccac	ttcttggaca	tcttctgcaa	agctatngga	gatatagtgg	540
anggttaaca	gaatggcccg	aagggtgcatg	ggtggccgca	gctcgtgtcg	tgagaaggta	600
nggtnaagtc	ctgnaacgag	cgccaacctnt	ttcttttagta	ctaataattaa	gttaaggact	660
ntagn						665

&lt;210&gt; 477

&lt;211&gt; 319

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 477

cgaggtactt	ttcaattatg	ttaacgtaaa	atactcgtaa	cgaatgtagt	atgagtttaa	60
agtgagcttt	tcagatccta	taagtgcac	ctaagtaatg	acaggcttta	agataaggaa	120
tatatgcatt	ttgttaaggc	agaaatctca	taaaatttca	tgaaaaacca	tggtcaatcc	180
aatgatgcac	tttttaagac	aagtttgtct	ggaaactgga	aggggtcaaaa	gacaacaaaa	240
aagcacacac	caaaaaacct	cactttaagc	aaatctataa	cttgaaaaaa	aaaaagccta	300
agaatattct	gagagtgggt					319

&lt;210&gt; 478

&lt;211&gt; 419

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 478

accacgatg	atgtggggag	cttccatctg	cagtttctgc	acctcagcac	gcacgttggt	60
gccccgata	caggcgtgac	aggaggcgcc	catgtagtct	cctagtgccca	tgaccacctt	120
ctgtatctgc	tgagccaatt	ctcgagtggg	tgctaggact	aaggcctggg	tggtcttttag	180
atctaattca	atctgctgca	gaatcgatat	ggcaaattgtg	gccgttttcc	cagtcccaga	240
ttgggcttga	gcaatcacat	cataaccctt	gatacaagggt	agaatgggct	cgctgctgga	300
tggcagaggg	cttctcaaaa	ccataggcgt	agatgccacg	gagaagggac	tccgagaggt	360
tcatgtcatc	aaagctgtca	acaatctcat	tccagttact	ctcgatgacg	ccttcgacc	419

&lt;210&gt; 479

&lt;211&gt; 312

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 479

acatcctgga	gacctgaaga	attctgttga	agtcgcactg	aacaagttgc	tggatccaat	60
ccgggaaaag	tttaataccc	ctgccctgaa	aaaactggcc	agcgctgcct	accagatcc	120
ctcaaagcag	aagccaatgg	ccaaaggccc	tgccaagaat	tcagaaccag	aggaggtcat	180
cccatcccg	ctggatatcc	gtgtggggaa	aatcatcact	gtggagaagc	accagatgc	240
agacagcctg	tatgtagaga	agattgacgt	gggggaagct	gaaccacgga	ctgtggtgag	300
cgccctggta	cc					312

&lt;210&gt; 480

&lt;211&gt; 640

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(640)  
 <223> n = A,T,C or G

<400> 480  
 ggtaccaaca attcctccta ccagtggctg agcatactct gcagagtcag cctgcagcac 60  
 tgtggtgact tctcttggac tcaggtgatt aacttcgctg ctgctatagc gaactggggt 120  
 ttctcatgg tccactgctt ttgcaggaag aaactgcttc attcctttcc accaacctgc 180  
 ccggcccccag taaggtaagt cataggtgcc ttcagttttt ttctttctgt ttctccagtg 240  
 ccaagcacac actaatatga gaatgagagt agtgaggacc atgaccagca cagggacaag 300  
 aactgcagcc agcgctacat ctttggttac atttgagtt acggtagtat ttctgatatc 360  
 aggactggca gttgtttgtt ctgtctgtgc aggaaattca ttgctactgc gaagttgtag 420  
 tggttgcgta aattttgggg cacgaccttt ggctattttg gaggggctgt agtggttttg 480  
 aggnccattgc tgttncnaag aggtggagggt tgagtaagtt ttggangacn actttangaa 540  
 taaactgaca tccgagcagt tcattttcat ggcaattttc gctgccatgg gtaaggatta 600  
 ctctaataaa cgtgccataa ttggtggcaa aagtattccc 640

<210> 481  
 <211> 501  
 <212> DNA  
 <213> Homo sapiens

<400> 481  
 ggtacatttc cttgtagact ctgttaattt cctgcagctc ctggttggtt ctggagcaga 60  
 tgatctcaat gagagagtcc tcgtcggttc ccagcccctt catggaagct tttagctcag 120  
 aagcgtcata ctgagcagggt gtcttcaata ggcccaaaat caccgtctcc aggtggccag 180  
 ataaggctga cttcagtgtt gatgcaagtt ccttttttgt ccttctctgg taggcgaagg 240  
 caatatcctg tctctgtgca ttgctgcggt tggcctaaaat gttgacaatg gtgacctcat 300  
 ccacaccttt ggtcttgatg gctgtttcaa tgttcaaagc atcccgtcgc gcatcaaaaag 360  
 ttagtatagg ctttgacaga cccatatgca cttgggggtg tagagtgatc accctccaag 420  
 ctgagcttgc acaggatttc gtgaacagta agacattttg aaaggaagct gggcccgctg 480  
 gcccagagagc tgaaagcgtc c 501

<210> 482  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 482  
 ggtacctata cagggatggc tcccacgcat ccctcagtga ccccaaacc atctccactt 60  
 acactcaggc actcccagga cctgacagct actcccgtt atcgctcttc agttcgaagc 120  
 cctggccaat ctaccagccc acatgacgca gttacctggc catttctcca cgtttcccgt 180  
 gagggcccca caccagccg cacaagagcc cctcctgcat tccgtctcca cacacaggcc 240  
 tgtgtatgca cttgctactg tcacactctt gctagcagaa gagggccctg taatggccga 300  
 tatecc 306

<210> 483  
 <211> 663  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(663)  
 <223> n = A,T,C or G

<400> 483  
 acagaatttc ttatttcttg aagactctgt ggttgaccac ttcttcatta gttacctgca 60  
 gcaagacacc ttccatttta ctaccaacac cactgaagga accaagaaaa gctttattaa 120  
 tgatcacttg gcttgccctca gctgttgaaa tgaagcactt tacagtcttt gtggcagcag 180  
 aatatacttg tccatgggtc atatcaatgc catggcaaat aggaagaagc tcagtatcgg 240  
 ctctctccac cataaccccc acttctctca ctgcctctctg gaccatagtt tcctccacca 300  
 tatgggtcccc ccatgttcct gctaccacca aagtttccac tcttcacacg ggccaagtca 360  
 gaaagaccat gacataaaga gagatggcga aactgaaacg gattatttct tttgncttca 420  
 aaacatctca tcaattttatc actcatccat tctacctggg acttagaaaa ctccaccaca 480  
 ttgtaactga cattatttag gagtgccaat gagtaaacac ccaatcctgn atcttttagtc 540  
 cctccaaatc tggatccaaag aagtttagcc aggttccaaa cttntggctg ntgggggcca 600  
 ctgntattaa cacattttca ttancttgaa nnggttccag gacanttggc anaacttggt 660  
 ant 663

<210> 484  
 <211> 228  
 <212> DNA  
 <213> Homo sapiens

<400> 484  
 cttgggtctg aaagtcgatg aaggacgcga ttacctgcga taagcttcgt ggagttggaa 60  
 ataaactatg atacgggatg ttccgaatgg ggtaacctaa ctgagcaaac ctgagttgca 120  
 ttttgatgaa tccatagtca aattagcgag acacgttgcg aattgaaaca tcttagtagc 180  
 aacaggaaaa gaaaaaaaaa aaaaaaaaaa aaaaaaaaag cttgtacc 228

<210> 485  
 <211> 672  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 485  
 acggagccct ctgaaaaatg acaaagatgg tatgatgtat ggcccaccag tggggactta 60  
 ccatgacccc agtgcccagg aggctgggag ctgcctaagt tctagtgatg gtctgcctaa 120  
 caagggcatg gaattaaagc atggctccca gaagttacaa gaatcctgtt gggatctttc 180  
 tcggcaaaact tctccagcca aaagcagcgg tcctccagga atgtccagtc aaaaaaggta 240  
 tgggcccggc catgagactg atggacatgg actagctgag gctacacagt catccaaacc 300  
 tggtagtggt atgctgagac ttccaggcca ggaggatcat tcttctcaaa accccttaat 360  
 catgaggagg cgtgttcggt cttttatctc tcccattccc agtaagagac agtcacaaga 420  
 tgtaaaagaac agtagcactg aagataaagg tcgccttccct tcaactcatca aaaagaaagg 480  
 cgcttgatta aagcatttca atttcctatg gcccatctt ttnttcacag gtccngggat 540  
 antcaaggtc tattncccta agaagagaat tnccttccan gggncctttc cnaggtcccc 600  
 aatagtttna aaaactggnc ctggtnggta ancccttann aaagcccttg gttaaaancc 660  
 cnaaanann ng 672

<210> 486  
 <211> 637  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(637)  
 <223> n = A,T,C or G

<400> 486  
 ggtacaatag agctttggat ctgatacaag aatttagaaa tataaaacaa aataactata 60  
 aaagtttaga ggcatttgaa tggcatttcc ttagaagaac ctgctaactc tgtatcattc 120  
 tgatgtggat tcctagtcac gtgggggtgaa atgcatattt ttcccccttt gctggatcac 180  
 tggcctttct tcaaaagcta taatgccatg aacacacatc ctaggagtct ctataatggt 240  
 aacagaagct ccaaatacca agccaatcaa agatgggaga gggcagggga accataaagg 300  
 cgaagggtcc aaaggtggct gttactgaga acttgccctt tccaaaatgt gaaagtcata 360  
 gtgtctcttg cttgttctca gcttaaaactt gtttaactgag ttaatttgtt tcttcagtgc 420  
 attctgtgca gctgaaatgg aggggaatgt ggctaagacg gtgtangtgg angccaagtc 480  
 actgggttta gaaccgttca aggggttgga gtgggtggnc ccactggcca cagcagaagg 540  
 ggttgaccac cctgggttg gactgggggg tncctggann cccccggatn ttgnggccca 600  
 attttaaaga agttncccca aaaacttttt aacttng 637

<210> 487  
 <211> 618  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(618)  
 <223> n = A,T,C or G

<400> 487  
 ggtacctctt cccatgactg caccagctc caggggcccct tgggacagcc agagctgggt 60  
 ggggacagtg ataggcccaa ggtcccctcc acatcccagc agcccaagct taatagccct 120  
 cccctcaac ctaccattg tgaagcacct actatgtgct gggtgcctcc cacacttgct 180  
 ggggctcacg gggcctccaa cccatttaat caccatggga aactgttgtg ggcgctgctt 240  
 ccaggataag gagactgagg cttagagaga ggaggcagcc ccctccacac cagtggcctc 300  
 gtggttatta gcaaggctgg gtaatgtgaa ggcccaagag cagagtctgg gcctctgact 360  
 ctgagtccac tgcctcattt ataaccacag cctgacctga gactgtcgga gaggtgtct 420  
 ggggccttta tcaaaaaaag actcagccaa gacaaggagg tanagagggg actggggggac 480  
 tgggagtc aaacctggc tgggggttaag tccacgtntg gcnagcactg gctttttctt 540  
 ttgggccttg gttccttgtg ggcaaagaat gatgaccnet attttcagga cttttccttc 600  
 nggttncaagg ttttntg 618

<210> 488  
 <211> 618  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



&lt;222&gt; (1) ... (618)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 488

```

ggtacagtgc tctgaagaag ctctgagggc ggcaggacca gccagcagca gccaagctt      60
ccctccatcc cccttttacc tctttgctgc agagaaaactt aagcaaaggg gacagctgtg      120
tgacatttgg agagggggcc tgggacttcc atgccttaaa cctacctccc acactcccaa      180
ggttggagcc cagggcatct tgcctggctac gcctcttctg tccctgttag acgtcctccg      240
tccatatcag aactgtgcca caatgcagtt ctgagcaccg tgtcaagctg ccctgagcca      300
cagtgggatg aaccagccgg ggccttatcg ggctccagcc atctcatgag gggagaggag      360
acggagggga gtagagaagt tacacagaaa tgctgctggc caaatagcaa agacaacctg      420
ggaaagggaaa ggtctttgtg ggataatcca tatgttaatt attcaacttc atcaatcact      480
ttatttatct tttttctaac ttcttgagga cttaatttac tgnnttatta ggggtgaaaac      540
tggcnttcta ngtaggggtt tnttatccca ggactacctt ggggttttaan ttaaaaaaaaa      600
aaagaaatgg ntnaaaaaa

```

&lt;210&gt; 489

&lt;211&gt; 624

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (624)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 489

```

naggtntctga tgattctcca natccangta tagaatatga ncnccgnnctn cgaaantggg      60
gtganttgat tcctggggct gagtatcgat gtttatgnca tggaaaaacna gcttattggg      120
atttctcaga gagactacac acaatactat gatcatattt ctaaacagna ggaagaaatt      180
cgcanatgca tacaagactt tttcaagaaa cacatacagt acaagctttt ntntctattta      240
attgntgtnt ttttttgtgg taacnngaaa gtttatntnt gtctgaaagc ttttataagt      300
atttaaantnn acnnagtaat gaactattca attgctgnaa tcgggtcaaaa tttncnaaag      360
ncgcacacaa antnntatcc ttgnncacgn anctncatac actgnccctn gccaaacacc      420
cttgccggga accaatcngc atgacatttc tgggccgggt aaatnttata aagccaaggg      480
ccnnggcact ggttaaggng ggccttanac ctttagggg agggcccnna taccctnccn      540
cttaaacntc tggggggngg tananatttc ttatagggnac cgncctttta aatcnattgn      600
canttttnng nccctttggt tttt

```

&lt;210&gt; 490

&lt;211&gt; 620

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (620)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 490

```

ggtacctctt cccatgactg caccagctc caggggccct tgggacagcc agagctgggt      60
ggggacagtg ataggcccaa ggtccctcc acatcccagc agcccaagct taatagcccc      120
ccccctcaac ctcaccattg tgaagcacct actatgtgct ggggtgcctcc cacacttgct      180

```

ggggctcacg	gggcctccaa	cccatttaat	caccatggga	aactgttggtg	ggcgctgctt	240
ccaggataag	gagactgagg	cttagagaga	ggaggcagcc	ccctncacac	cagtggcctc	300
gtggttatta	gcaaggctgg	gtaatgtgaa	ggcccaagag	cagagtctgg	gcctctgact	360
ctgagtccac	tgctccattt	ataaccccag	cctgacctga	gactgtcgga	aggctgtctg	420
gggcctttat	caaaaaaaaaag	actnagccaa	acaaggaggt	agagagggga	ctgggggact	480
gggagtcana	gccctggctg	ggttcangtc	cacgttgggc	aggcacttgc	ttttcttttt	540
nggnctttgg	ttccttggtg	gcaaaagagt	gattgaacct	cttattttca	agggcttttc	600
nctnatgttn	cangntttnn					620

<210> 491  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

<400> 491		
acatttcctt	gtagactctg ttaatttccct gcagctcctg gttgggttctg gagcagatga 60	
tctcaatgag	agagtccctg tcggttccca gcccttcctg ggaagctttt agctcagaag 120	
cgtcatactg	agcagggtgtc ttcaataggc ccaaaatcac cgtctccagg tggccagata 180	
aggctgactt	cagtgtctgat gcaagttccct ttttggtcct tctctggtag gcgaaggcaa 240	
tatcctgtct	ctgtgcattg ctgcggttgg tcaaaatggt gacaatgggt acctcatcca 300	
cacctttggt	cttgatggct gtttcaatgt tcaaagcatc ccgctcagca tcaaagttag 360	
tataggcttt	gacagaccca tatgcacttg ggggtgtaga gtgatcacc tccaagctga 420	
gcttgcacag	gaattccgtg aacagtagac attttgaagg aagcttncct gaggcccaat 480	
gtgttcaacc	caaccgggaa aactnttncg ggtagaagtg aaatccgaag ttgctattgc 540	
ttccagaata	acctgggnct tnccccnaaa actttaaaac gttcccacct tgggcgggaa 600	
ccncttaan	gggggaattc ccgncncng	630

<210> 492  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(412)  
 <223> n = A,T,C or G

<400> 492	
acactaccaa	cagatcaaag aaaccctcc ggccagtgag aaagacaaaa ctgctaaggc 60
caagggtcaa	cagactcctg atggatccca gcagagtcca gatggcacac agcttccgtc 120
tggacacccc	ttgcctgccca caagccaggg cactgcaagc aaatgccctt tcttggcagc 180
acagatgaat	cagagaggca gcagtgtctt ctgcaaagcc agtcttgagc ttcaggagga 240
tgtgcaggaa	atgaatgccg tgaggaaaga ggttgctgaa acctcagcag gccccagtgt 300
ggttagtgtg	aaaaccgatg gaggggatcc cagtggactg ctgaagaact tccaggacat 360
tatgcaaaag	caaagaccan aaaaaaaaaa nnaaaaaaaaaa aaagcttgta cc 412

<210> 493  
 <211> 633

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(633)  
<223> n = A,T,C or G

```

<400> 493
acactggcca gtgtgtttttt ggcgattaaa cataatcctg tgaatcagat taattcactt      60
gctgagtgtt catttgcggc atccctctgt tgggtcttgg gggccctcca cgacctcgtg      120
gggctccccg tgggccactc tgcccagagc ctcgcttgaa attctgctga tatccatccc      180
gttgatagcc agagtaatcc cggggagcac tgaactgaga ctgtgtataa ccactgtttg      240
gagtgttaga gaatgaaggg cggttaaccat natatcctcc tctgaatcca ttggcagggc      300
ccccgtatcc attcatcaag cctctagcac cacgggagcc ttcacgagac gcaccacgac      360
tattgtaata ggggctgatt gctacgtgga aatncagtgt tctgctgaag aagctgctgg      420
tgggtaccag tcacttgatg ggactgggtc gggggaaccc atggtaaagt gcccaaccac      480
tgggtgnaac ttgtcttgct tgaanctctg gttgggtctac cttggggaag cttgactaaa      540
aaaacttttg gtataaattg ggctgggacc ccctangggg gcaaccctgg gccanntttt      600
tcctnannct taaaaagggg ggggnatgaa ggn                                     633

```

<210> 494  
<211> 609  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(609)  
<223> n = A,T,C or G

```

<400> 494
acttaaaagg taaagtagta accaaagaga aaatccagga agccaaagat gtctacaaag      60
aacatttcca agatgatgtc tttaatgaaa agggatggaa ctacattctt gagaagtatg      120
atgggcatct tccaatagaa ataaaagctg ttccctgaggg ctttgtcatt cccagaggaa      180
atgttctctt cacgggtggaa aacacagatc cagagtgtta ctggcttaca aattggattg      240
agactattct tgttcagtc tggatatcaa tcacagtggc cacaaattct agagagcaga      300
agaaaaatatt ggccaaatat ttgttagaaa cttctggtaa cttagatggg ctggaatata      360
agttacatga ttttggctac agaggagtct cttcccaaga gactgctggc ataggagcat      420
ctgctcactt ggttaacttc aaaggaacag atacagtagc aggacttgct ctaattaaaa      480
aatattatgg aacgaaagat nctgttccag ctattctggt ccacagcaga acacagtacc      540
ttggccgnga cnacnctaag gcgaaatccg ccactggggg gccgttataa nggatcccnc      600
ttnggaccn                                     609

```

<210> 495  
<211> 606  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(606)  
<223> n = A,T,C or G

<400> 495  
 ggtaccaagc tatctttgat aataccacta gtctgacgga taaacacctg gacccaatca 60  
 gggaaaatct gggaaagcac tggaaaaact gtgcccgtaa actgggcttc acacagtctc 120  
 agattgatga aattgaccat gactatgagc gagatggact gaaagaaaag gtttaccaga 180  
 tgctccaaaa gtgggtgatg aggggaaggca taaagggagc cacgggtgggg aagctggccc 240  
 aggcgctcca ccagtgttcc tggatcgacc ttctgagcag cttgatttac gtcagccaga 300  
 actaaccctg gatgggctac ggcagctgaa gtggacgcct cacttagtgg ataaccaccag 360  
 aaagtgtggc gcctcagagc attcagaatt ctgtcctcac tgataggggt tctgtgtctg 420  
 cagaaatctt gtttcctgta cctgccnggc ggncgctcaa agggcgaatt cacacactgc 480  
 ggccgtacta gtggatccaa ctccggaccaa cttggcgtaa tatggcatac tgtttctgng 540  
 ggaaatgtat ccgtccaatt cncccacata cganccganc ntaaaggtaa gcttggggcc 600  
 tataat 606

<210> 496  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<400> 496  
 ggtactcaat gatgctggtc agcgacttcc acgggagaaa atcttgctga atgtccgtga 60  
 aatccttccc atatttttcc agggcttcc cgaagaggtt ggcctctgat gcagaccact 120  
 cctccatctc gtccctgcag agcacgggccc cgccctgcgg caccagcgcc gagatggcct 180  
 tggagatgtc gtagatgttc ttgtggagag tatccatggc gtggaacagg gtgatgtctc 240  
 gggaggcagc tgcggcgctc atgtgcaggc tgggctgtc 279

<210> 497  
 <211> 633  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(633)  
 <223> n = A,T,C or G

<400> 497  
 ggtacacaac agggcaaaaag ctttttcgca agtcataaaa ttgagttgaa aataacttgt 60  
 tgattcagct acaggaagac aactaacaat taacaggctc atgaatatct atgaataaag 120  
 tgccactaat tttattgtaa taagatataa atagaataaa tcctgacatg gatagtagct 180  
 tctgtgttct ctccatcctg agaacagaag ggccataaaa aaacaaaagaa gcattaccaa 240  
 aggggagttc tagaccacaca cggggaactc ctaatacaaa agcaacaaga aagacangta 300  
 agactttaaa agttgcagaa gtccctaagaa tagcgccaat gtagtaggcc ctttttaaca 360  
 acaacaaana ataaaaataa gagagagaga gaaattagaa atttangaag ttcattaaat 420  
 aactgggtact tatattcaag ggaattttatt agtggccagc ctantggggg acccagcntn 480  
 taggaaaaga cccttgaaaa ggaccttccc ncacctggga canaaggata gnaccgaccc 540  
 cccagggaag nccgccntgg aaangggatc cnaacttgan gcttttttagg gtttcaaaan 600  
 tccttgctng gccccaangg gcaggnttt ntn 633

<210> 498  
 <211> 601  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(601)  
 <223> n = A,T,C or G

<400> 498  
 acattcttca gaacagtttt ggtcgtttta aaaaaatcac acatttataa gcagtgattt 60  
 caatcatggt taaaaacaaa aatattaaac aaattcattt cctaattccag atgatacaga 120  
 atccaagaaa tttctgtagg cacttcactt tccatagaac ttcttggtca gcaggatat 180  
 gagaaggttt acattcactt taacctatc aaacattttc attacagcta ctccttcata 240  
 ttgcatctga agtaaattcct gaatattgag ttgcaccttt tccatctcaa caccaaggaa 300  
 ttttgatctt acatcgaaaa tgcctacatc ttcagtagct atgatatcaa atgtaacatt 360  
 cttaaactgg tttgtttgaa gatcatctat atctagcagg acacctttct catgcagctt 420  
 tgctgcagtg tacaaactgc aggcctccatc ctctgtgggt cgcactatgt gcgcttttaa 480  
 aaaatattat ttctaataaa tctttgaagt taaaataccg ttctttcagt tggnccaaaa 540  
 aaaaannnnn nnnanganag aanngnaang aaagtgggtt gnnnttgggg nggaaaaacn 600  
 n 601

<210> 499  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<400> 499  
 ggtactcaag cttttgacct catgccttgt gtagtaaaaa aggatttggg ggttttgttt 60  
 ggttcctgag aggggtgtgt tttgtttttg ttctcttttg tttatgtttt ggcctttcct 120  
 ctttgtcttt ccatgtagac cagatatttg aaagggcaga cgatggctag aggtgtaatg 180  
 tgcagcttgt ttatacggtt ttttgggaaa cttaccttgg atgggaaatc gaatcgtgga 240  
 ttcaccaggc cggtgctggc acactcacc ctcgcccttc cctccggttc agt 293

<210> 500  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

<400> 500  
 ggggtactcat gaattcaagc cacagagtgg agcagagatc aaagaagggt gtgaaacaca 60  
 taagggttgcc aacacaagtt cttttcacac aactccaaac acatcactgg gaatggttca 120  
 ggcaacgccca tccaaagtgc agccatcacc caccgtgcac acaaaagaag cattaggttt 180  
 catcatgaat atgtttcagg ctctacact tctgatatt tctgatgaca aagatgaatg 240  
 gcaatctcta gatcaaaatg aagatgcatt tgaagccag tttcaaaaaa atgtaaggtc 300  
 atctggggct tggggagtca ataagatcat ctcttctttg ncatctgctt ttcattgtgt 360  
 tgaagatgga aacaaagaaa attatggatt accacagcct aaaaataaac ccacaggagc 420  
 caggaccttt ggagaacgct ctgtcacaga cttncttcaa acccaaggag gaagtgcctn 480  
 atgctgaaaa gttttggatg actcaactgg atgggggtatt ccctgnaacc aaaacctggn 540  
 acccaagtc ttaaaanccn nggagactta cattntgntg nacaatttgg gttaaaccnn 600  
 ttcncaaagc tttccatggg ggcangggcc 630

<210> 501  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 501  
 acatctgaaa tcccccccaa acccagaaag cttttcaaca gctagggtgt ccaagaactt 60  
 ggaaaattca ccttctgatg tcctccaaga cagattccat tttttatata ccttatttgc 120  
 tcagacctgt aacttcagcc tggagtgaac acagacacct agttttcctc aaactcctct 180  
 tgggcttttag agagaagggtg ctggcccttt gagccaagca gggtattggg tagtagtacc 240

<210> 502  
 <211> 481  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(481)  
 <223> n = A,T,C or G

<400> 502  
 ggtacctgtt cttctatcca aacctttcaa ttcagtctac ctgattcatt tatttgacat 60  
 agatcttagg cccacttgaa ctcttttctt gtttatctag catagcacia acgtttttcc 120  
 agtcttcttt atcaacacta atgcctctta attgcatcag tatttcctat tggaaaatac 180  
 atctgttcca gaaaaacatt tggcattcct gaataatttc caaatgtttt taatccaaag 240  
 aaaaagggtt aaagcttatt tccctttctt atacacacct gaataaaaat gatgtgcatg 300  
 ttttagggat caattaccta actgttcctt ggtctattta tgtataagaa tgctttttaa 360  
 agcacatgtc tcattttaaa tgacgcacaa actgaagatg ttaataaaat ttaagagtaa 420  
 tacaatgaaa aatattantn tttnnanatan aaaagcttgg acctgcnng gcggccgntc 480  
 g 481

<210> 503  
 <211> 643  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

<400> 503  
 ggtactgcat tatttgagaa gctgctcaac ttgcaaaatc agttttcctc tcaataaaat 60  
 tatagtctta atgtttgcat ataagggaag tagttatcat gtttagtaata cctctaatag 120  
 tataaaccac accccaaaat tagccagtaa tcctgtagga aggtacaagt ctcagactaa 180  
 gtttttagcc acttgtcaaa ttcagtttta aatgcttaga aaacactgag gacacctatt 240  
 gaggagggag gggggaagg cactgtaaa ggagtccaaa gtatgtgctg gagcagatga 300  
 tgacaaagac agaacatcta agaagataga catggaggaa agggagttagt atttcacac 360  
 actatgacat tgaaaattca atcatttatg ataggatttt gatccactgc cattactacc 420  
 ttgtgggaaa aatctnccaa tgaaaagggt gaaaaattca ttctccaaaa attggcccng 480  
 ttttaangag aaaatttttag agcagcaccn ttaaaccatg ccgggaactt tggtttaaca 540

aaatatngtg gggccccc aaaagctcctgt tgcttttagg cctcnagaga tttacccaga 600  
acttaaaaggn ttncnctggc cttgttcctt aangttgaaa acc 643

<210> 504  
<211> 624  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(624)  
<223> n = A,T,C or G

<400> 504  
ggtactgcat tatattgagaa gctgctcaac ttgcaaaatc agttttcctc tcaataaaat 60  
tatagctcta atgttttgcata ataaggggaag tagttatcat gtttagtaata cctctaataag 120  
tataaaccccc acccccaaaat tagccagtaa tcctgtagga aggtacaagt ctcagactaa 180  
gttttttagcc acttgtcaaa ttcagtttta aatgcttaga aaacactgag gacacctatt 240  
gaggagggaag ggggggaaggt cacctgtaaa ggagtccaaa gtatgtgctg gagcagatga 300  
tgacaaagac agaacatcta agaagataga catggaggaa agggagtagt atttccacac 360  
actatgacat tgaaaattca atcatttatg ataggatttt gatccactgn ccattactac 420  
cttgtgggaa aaatccttca caatgaaaag gggtgaaaaa ttcattcttc caaaattggc 480  
ccnngtttta aggagaaaaat nttagagccg ccccttaanc ctgcccggaa cttggnttta 540  
ccaaatntca gggngncccc aaancttct gntgccttta ngncntncan agacttnacc 600  
cnngaacttc naggntttnc ctng 624

<210> 505  
<211> 652  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(652)  
<223> n = A,T,C or G

<400> 505  
acaagctaca aatgcttggt cagcagctga ggggcactct tgagtagcgt gtctgaagag 60  
tgaataaaaaa tccatataaa acaaataattc aaatagtttc cataggaaca cagataagtg 120  
tgacccatat cctagtcttc catatggctg catcatggcg accctactct taaaaagaca 180  
tttcaaaact agcagtaatt aagttacatg gtcccccaa atcccttaat tcaagctaaa 240  
cttgcaagta acagctacca gagggtatc tacacattaa tactagcccg aagcacaggc 300  
tgctctgtgg cgtttcatcc cactctccca ggcacaagac acaggcaggg tgctggcatc 360  
ctgttcctct acttcgggtg gggaaagtgc gggttctgga attgctgcat gaggttgccac 420  
gcaggccctg acatcacata gtaanatcgt ccggcctttt gggaaaccca ttgnacctan 480  
aaggcancna gcaaccagt gtaagccgcc ccaaggtttt cnaaagagcc ttccaatna 540  
cccccatgc cnttttaang gcnnnggttac caagggett n aaaaaatccg atttnanggg 600  
ccnttacaag gttggggccc ccanaatgcn cggatngnaa aaaaanacctt tt 652

<210> 506  
<211> 545  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(545)  
 <223> n = A,T,C or G

<400> 506  
 acaagctttt tttttttttt tttttttttt tttttttatc taaaagtgcc caggtgggct 60  
 taaggctgcc anactgcacg cacatctaca gcaacaaggg cttctattcc atctacaact 120  
 tggatcgggg gaaaagggag atgtaggaga ggaaggaaaa aagaggggaa aaatatacca 180  
 ccaaccctcc cccacaaaaa aagggaaaaa aaaaaatccc accacaggga gatctatgtg 240  
 ccaagcataa tggaagagtg tgctcccaa acagatgggt ttgcacaggc taatgttctg 300  
 ctggttttcc ttagagacct attttgaaaa agtttaaaaa gacaggagat ttcaaaataa 360  
 ttcaatcctg gcagaaattc aaactccaaa actaggagca aaatcatcct tcaatgaatt 420  
 aattcctttt ctctttctct tttcttaaac attttattca ttttatagaa agatttcttt 480  
 ttttgngtgc ntttgggtcca atcntttgga nantgggtga aggagtacct tggncngngan 540  
 ccccc 545

<210> 507  
 <211> 625  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(625)  
 <223> n = A,T,C or G

<400> 507  
 acctgtctct ctgccttctg gaggtctctt aggattggaa aagttcaaga aacccgaggg 60  
 aagctgggac tgtgaattgt gcctagtcca gaataaggca gactctacca aatgtttggc 120  
 atgtgaaagt gcaaagccag gcacaaaatc tgggtttaaa ggctttgaca catcttcttc 180  
 atcttcgaac tcagcagcct cctcatcctt caaatttggg gtctcatcat cctcttctgg 240  
 gccttctcag actttaacaa gcactggaaa ttttaaatat ggagatcagg gaggattcaa 300  
 aataggtgtg tcatctgatt ctgggtctat aaaccccatg agtgaaggct ttaaattttc 360  
 taaaccaata ggagatttta aatttggagt ttcacttgaa tctaagcccg aagaagttaa 420  
 aaaagatagt aagaatgata atttttaagt ttggacttct ttggtttaac caccagttt 480  
 ctttaacttc atttcaattg gggatcttaa tcttggacag gaagaaaaag aaagangaac 540  
 ctggcccaaa tctttcctnt gcaggnttta nccttnggac ccttggccgc naaccaccct 600  
 aaggggggaa ttccnnacac tgggg 625

<210> 508  
 <211> 612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

<400> 508  
 ggtcgaagac agagggttcag gtcgttccag gggtagagga ggcattgaagg atgaccgtcg 60



ggacagatac	tctgcgggca	aaaggggtgg	atttaatacc	tttagagaca	gggaaaatta	120
tgacagaggt	tactctagcc	tgcttaaaag	agattttggg	gcaaaaactc	agaatggtgt	180
ttacagtgtc	gcaaattaca	ccaatgggag	ctttgggaagt	aattttgtgt	ctgctgggtat	240
acagaccagt	tttaggactg	gtaatccaac	agggacttac	cagaatggtt	atgatagcac	300
tcagcaatac	ggaagtaatg	ttccaaatat	gcacaatggg	atgaaccaac	aggcatatgc	360
atatcctgct	actgcagctg	cacctatgat	tggttatcca	atgccaacag	gatattccca	420
ataagacttt	agaagtatat	gtaaatgnct	ggttttcata	attgctcttt	atattgggng	480
gtatctgacc	agatagtatt	ttaagaaaca	tgggaattgc	anaaatgact	gnagtgcaan	540
agtaattntn	gggcactttt	cgtttttaag	ntggaaattc	nctacanttc	ctgaaccant	600
ttanggtttt	tt					612

<210> 509  
 <211> 473  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(473)  
 <223> n = A,T,C or G

<400> 509	
cttgggtctg	aaagtcgatg
ataaactatg	atacggagat
ttttgatgaa	tccatagtca
aacaggaaaa	gaaaataaat
caaacctgta	aaaagggggt
agaagaagtt	ggaaagcttc
ctnatagatg	tatcctgagt
ccaccccggt	aaggctaata
	ctaatacanac
	accgatagtg
	aactagtacc
	tng
	60
	120
	180
	240
	300
	360
	420
	473

<210> 510  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(632)  
 <223> n = A,T,C or G

<400> 510	
ggtacctatg	tggattccaa
aacaattacc	atcacacaaa
tttgggatgg	tccgcgatct
cctatacgct	agaagaattt
tttggtatga	ctggatgagg
tgactgaggc	caaagccaag
gcctccggct	gatcaagtct
catcacaggc	tttcatagaa
tttatgctaa	gtttgaattt
cttggtggtg	cttgnggta
cctcttcang	ggtggggnaa
	nggggctttt
	gg
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	632

<210> 511  
 <211> 616  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(616)  
 <223> n = A,T,C or G

<400> 511  
 acagaaccta aagggtttcac tgaatgcgaa atgacgaaat ctagcccttt gaaaataaca 60  
 ttgttttttag aagaggacaa atccttaaaa gtaacatcag acccaaaggt tgagcagaaa 120  
 attgaagtga tacgtgaaat tgagatgagt gtggatgatg atgatatcaa tagttcgaaa 180  
 gtaattaatg acctcttcag tgatgtccta gaggaagggt aactagatat ggagaagagc 240  
 caagaggaga tggatcaagc attagcagaa agcagcgaag aacaggaaga tgactgaat 300  
 atctcctcaa tgtctttact tgcaccattg gcacaaacag ttggtgtggt aagtccagag 360  
 agtttagtgt ccacacctag actggaattg aaagacacca gcagaagtga tgaaagtcca 420  
 aaaccaggaa aattccaaag aactcgtgtc cctcgagctg aatctggtga tagcccttgg 480  
 ttctgaagat cgtgacttct ttacagcatt gatgcatata gatctcaaag attnanagaa 540  
 acnngaattgt ccatcaataa acnaggatgat tgttnggaag gaagatgttc tttttaaaaa 600  
 tnaatgttn atntng 616

<210> 512  
 <211> 619  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(619)  
 <223> n = A,T,C or G

<400> 512  
 ggtaccggtc tttctcaa atcatcagca cctcaatcc cactgctaaa cgacatttgg 60  
 tcctcgccctg ccactatgac tccaagtatt tttccactg gaacaacaga gtgtttgtag 120  
 gagccactga ttcagccgtg ccattgtgcaa tgatgttggg acttgctcgt gccttagaca 180  
 agaaactcct ttccttaaag actgtttcag actccaagcc agatttgtca ctccagctga 240  
 tcttctttga tgggtgaagag gcttttcttc actggtctcc tcaagattct ctctatgggt 300  
 ctcgacactt agctgcaaag atggcatcga ccccgacccc acctggagcg agaggacca 360  
 gccaaactgca tggcatggat ttattggtct tattggattt gattggagct ccaaaccxaa 420  
 cgtttcccaa tttttttcca aactcagcca ggtggttcga aagacttcaa gcaattgaac 480  
 atgaacttca tgaattgggt tgcttcaagg atcactcttt tgggaaggcg ggatttncgg 540  
 aaatacnggt tttggaggng tgaatcaggg atgacntat tcccttttta anaaaaaggg 600  
 gttccentnt gentntggn 619

<210> 513  
 <211> 175  
 <212> DNA  
 <213> Homo sapiens

<400> 513

ggtacatcct	cggccgggag	tccccactgt	ctctctacaa	tgaggagctg	gtgagcatga	60
acgtgcagg	tgattatgag	ccaactgatg	ccaccgggtt	catcaacatc	aattccctca	120
ggctgaagga	atatcatcgt	ctccagagca	aggtcactgc	caaataagacc	cgtgt	175

<210> 514  
 <211> 597  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(597)  
 <223> n = A,T,C or G

<400> 514						
actagttact	gcatctgatt	ttacagacag	agaagagtca	aggcccagag	agcagacagc	60
tcaccccaac	atcacacagc	agtcagctgc	gaggggcttg	gtgctactca	gatttctcct	120
aagaatgttt	ggaaacaacc	tgagggagag	ttaagtaata	aaggaaaatc	acaaacagag	180
acagagaccc	agaaagggac	tcacgggaat	aaaagcagaa	agtgacagag	atacatagag	240
atgatgagac	agagacagag	agatcagaga	tagggttcag	aaaaaaagaa	gagagaggct	300
gggcacagtt	gctcacgcca	gtaatcccag	cactttgaga	ggcggagatg	ggaggatctc	360
ttgagcccag	gagtttgaga	ccagcctgga	cagcatagta	agaccccatc	tttattttaa	420
aaaaagtttt	attaatttaa	aaaaaatgcc	nagagagata	acccccnta	gaaggttgga	480
aagccaaaag	ctttttgggg	gcttaaaagn	accccaaccc	ggncnnggga	ganagggttt	540
tttttgaggg	aanaatccgg	ttcttgacca	ngcttaanng	gcctatttcc	aaaaaac	597

<210> 515  
 <211> 574  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(574)  
 <223> n = A,T,C or G

<400> 515						
ggtacactgg	ttgatatgaa	gattgaattt	ggtgttgatg	taaccaccaa	agaaattggt	60
cttgctgatg	ttattgacaa	tgattcctgg	agactctggc	catcaggaga	togaagccaa	120
cagaaagaca	aacagtctta	tcgggacctc	aaagaagtaa	ctcctgaagg	gctccaaatg	180
gtaaagaaaa	actttgagtg	ggttgacagag	agagtagagt	tgcttttgaa	atcagaaagt	240
cagtgcagg	ttgtagtgtt	gatgggctct	acttctgac	ttggtcactg	tgaaaaaatc	300
aagaaggcct	gtggaaattt	tggcattcca	tgtgaacttc	gagtaacatc	tgcgcataaa	360
ggaccagatg	aaactctgag	gattaaagct	gagtatgaag	gggatggcat	tcctactgta	420
tttgtggcag	tggcaggcag	aagtaatggt	tngggaccag	tgatgtctgg	gaacactgca	480
tatnccgtta	tnagctggcn	tcncttanac	caactgggga	agttcaggat	gtgtgggctt	540
ctctttgact	nccaatggnc	ttggctntca	accn			574

<210> 516  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(450)  
 <223> n = A,T,C or G

<400> 516  
 aaaaaggcgt aaagcggaaa gcagatacta ccacccctac acctacagcc atcttggctc 60  
 ctgggttctcc agctagccct cctgggagtc ttgagcctaa ggcagcacgg ctcccccta 120  
 tgcgtagaga gagtggtcgc cccatcaagc cccacgcaa agacttgctt gactctcagc 180  
 aacaacacca gagctctaag aaaggaaagc tttcagaaca gttaaaacat tgcaatggca 240  
 ttttgaagga gttactctct aagaagcatg ctgcctatgc ttggcctttc tataaaccag 300  
 tggatgcttc tgcacttggc ctgcatgact accatgacat cattaagcac cccatggacc 360  
 tcagcactgt caagcggaaag atggagaacc gtgattaccg ggatgcacag gaggtttgcg 420  
 ctgatgtacc tcgggcgcga acacgcttan 450

<210> 517  
 <211> 611  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(611)  
 <223> n = A,T,C or G

<400> 517  
 actcctctga ggactacatt aagtcaggag ctcttcttgc ctgtggcata gtgaactctg 60  
 ggggtccgaa tgagtgtgac cctgctctgg cactgctctc agactatgtt ctccacaaca 120  
 gcaacaccat gagacttggg tccatctttg ggctaggctt ggcttatgct ggctcaaatc 180  
 gtgaagatgt cctaacactg ctgctgcctg tgatgggaga ttcaaagtcc agcatggagg 240  
 tggcaggtgt cacagcttta gcctgtggaa tgatagcagt agggctcctg aatggagatg 300  
 taacttccac tatecttcag accatcatgg agaagtcaga gactgagctc aaggatactt 360  
 atgctcgttg gcttctctct ggactgggtc tcaaccacct ggggaagggg gaggccatcg 420  
 angcaatcct ggctgcactg gaaggtgngc anaacntttt cgcanttttg nccacacacc 480  
 tggnggatgt gtngncctat tcncgctttt ggnanatgcc tnaagggcna caaattgggc 540  
 caatttgnnn nnaacctttg cctccaaaga aagggggaaa naaaagtttc ccccnannng 600  
 gggcggggcc c 611

<210> 518  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 518  
 ggtgatttat ctaatcagaa ctcttcagat caggcaaattg aagaatggga aacagcttct 60  
 gaaagcagtg atttcaatga gaggcgagag agggatgaaa aaaaaaatgc tgacttgaat 120  
 gcacaaacag ttgtaaaggt tggagagaat gttctacctc caaagaggga aattgcaaag 180  
 agaagttttt ctagtcagag accagtagat cgtcagaatc gacgtggcaa caatggtcca 240  
 cccaaatcag gaaggaattt ctcaggtcct agaaatgaaa ggagaagtgg cccaccatca 300  
 aaaagtggga agagagggcc atttgatgac cagcctgcag gcacaactgg ggttgacctc 360  
 atcaatggca gctctgcaca ccatcaggaa ggagt 395

<210> 519

<211> 626  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(626)  
 <223> n = A,T,C or G

<400> 519

ggtaccgaaa	gcacagtaat	cactgggtgtc	gatattgtca	tgaaccatca	cctgcaggaa	60
acaagtttca	caaaagaagc	ctacaagaag	tactgatttt	aaaaactaat	aacttaaaac	120
tgccacacgc	aaaaaagaaa	accaaagtgg	tccacaaaac	attctccttt	ccttctgaag	180
gttttacgat	gcattgttat	cattaaccag	tcttttacta	ctaaacttaa	atggccaatt	240
gaaacaaaca	gttctgagac	cgttcttcca	ccactgatta	agagtggggg	ggcaggtatt	300
agggataata	ttcatttagc	cttctgagct	ttctgggcag	acttggtgac	cttgccagct	360
ccagcagcct	tcttgccact	gctttgatga	caccaccgc	aactgtctgn	ctcatatcac	420
gaacagcaaa	gcgacccaaa	ngtggatagt	ctgagaagct	nttcaacaca	catnggcttt	480
gccaggaanc	ntttntacca	tgggagcatt	cccngacttt	tagnaaatta	agggcatttt	540
tcacttttta	acccaaacgg	ggaaaaattt	ttncctttaag	ttaanaaact	tgcnntgcaa	600
tggaanccgn	ngggaatcca	atacgg				626

<210> 520  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 520

ggtaccgaag	catctagtct	ggaactgaca	gagataaata	gagaaaatgt	tccaaagtct	60
ggcacgcccc	agcttaggct	gccattcgct	gcaagggtga	acacccccat	gggccctgga	120
cgaactgtcg	tcgttaaagg	agaagtgaat	gcaaatgccca	aaagctttaa	tgttgaccta	180
ctagcaggaa	aatcaaaagg	tattgtctcta	cacttgaacc	cacgcctgaa	tattaaagca	240
tttgtaaaga	attcttttct	tcaggagtcc	tggggagaag	aagagagaaa	tattacctct	300
ttcccattta	gtcctgggat	gt				322

<210> 521  
 <211> 613  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(613)  
 <223> n = A,T,C or G

<400> 521

ggtaccatcc	tcatctcggt	gggatgtgca	gttttctgtg	cccttatcgt	ctggttcttt	60
gtatgtccca	ggatgaagag	aaaaattgaa	cgagaaataa	agtgtagtcc	ttctgaaagc	120
cccttaaatgg	aaaaaaaagaa	tagcttgaaa	gaagaccatg	aagaaacaaa	gttgtctggt	180
ggtgatattg	aaaacaagca	tcctgtttct	gaggtagggc	ctgccactgt	gcccctccag	240
gctgtggtgg	aggagagaac	agtctcattc	aaacttggag	atttggagga	agctccagag	300
agagagaggc	ttcccagcgt	ggacttgaaa	gaggaaacca	gcatagatag	caccgtgaat	360
ggtgcagtgc	agttgcctaa	tgggaacctt	gtccagttca	gtcaaagccg	tcagcaacca	420

aataaaactnc	agtggccact	accagtatca	caccgtgcat	aaaggattcc	gggctgtanc	480
ttgccccgcc	ggccgtntaa	aggcgaatc	cagncacttg	ggggccgntc	taaagggatn	540
ccactttggn	ccaacnttgg	gggaatctng	ggcaaantng	tccctgngna	aatggtatcc	600
gtcaaatncc	cnn					613

<210> 522  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 522						
accagggagg	catgacattg	cttttgttga	atttgaaaat	gatgggcagg	ctggagctgc	60
cagggatgct	ttacagggat	ttaagatcac	accgtcccat	gctatgaaga	tcacctatgc	120
caagaaataa	cattttgggat	agtcgtcttt	aaaagacttg	gtgttattta	cagtgtttgt	180
tttgataaca	tttggtctggg	tcattttaat	agttagagat	gaggaggagt	aaaagtgaag	240
tttttgtgaa	ggacttaaat	tatccagtg	ttcttttagcc	ttggtgaact	atgaaatacg	300
aaggccttaa	ttttgtacc					319

<210> 523  
 <211> 589  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 523						
acagcgcgcg	gctctacacg	cttgggtagc	gggataagtc	actgttttct	ttatttcttt	60
aaaaaaaaaa	aagttctgtt	gcaaacgact	gctgttggat	tctgaggggtg	gggagggaga	120
gagagggagg	gagagggagt	gaagagcctg	ccctctata	tggattcttc	agggccctcc	180
acatctgagg	tggctcattc	ccatcacaca	cagattgtcc	tgggtgttcat	ttcaaggcca	240
gtgttcagca	gcagcgtttg	gaaagcaggt	tctgtgggac	cccccgcccc	gccccacac	300
tccttcatag	cagcagtagt	ggcttctcca	tcctgnttcc	tgcaacattc	tatacaaaac	360
tgtgctgtga	ccttgcggtg	agcctggatc	tggcaaagag	aatcaaatga	aacccttct	420
ttctcttttc	gtccacaact	ctgtanaact	ntntgnaccc	ttaccctttt	ccaccttttg	480
gattnaattt	taaggccgtg	nanctttggc	cggaacaccc	ttagggcnaa	ttcnnnccat	540
tgggggccgt	ctaagggann	ccaattggnc	caanttgggn	aacangggn		589

<210> 524  
 <211> 621  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(621)  
 <223> n = A,T,C or G

<400> 524						
ggtacattgg	agagatctcg	cctactgccc	tgcggggtgc	ctttggcact	ctcaaccage	60
tgggcatcgt	tggttgaatt	ctggtggccc	agatcttttg	tctggaattc	atccttgggt	120

ctgaagagct	atggccgctg	ctactggggt	ttaccatcct	tctgtctatc	ctacaaagtg	180
cagcccttcc	attttgccct	gaaagtccca	gatttttgct	cattaacaga	aaagaagagg	240
agaatgctaa	gcagatcctc	cagcgggtgt	ggggcaccca	ggatgtatcc	caagacatcc	300
aggagatgaa	agatgagagt	gcaaggatgt	cacaagaaaa	gcaagtcacc	gtgctagagc	360
tcttttagagt	gtcagctacc	cgacagtcca	tcatcatttc	cattgtgctc	cagctctntc	420
gcagcttctt	gggatcaatg	ctgngttcta	atactacca	ggaatcttca	aggatgcagg	480
tgggttaaaaa	ncccatttat	gccncccttg	ggccccggtg	gggtnaaacc	anacttnccn	540
nggaggnncc	tnttttnnng	ggggaanggc	cngaaaaaag	gncttcgcct	ttaaanngcc	600
cttggagggg	agnntttttt	n				621

&lt;210&gt; 525

&lt;211&gt; 384

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 525

acagcacttt	gagaggacat	cactagacaa	gtaatacaca	catggcctgc	aggaggtcaa	60
gggcgccgag	ggggctgggc	aggggacatt	tttgtgactt	ccactgttat	tatatattcac	120
gacaacagca	gcagcacaaa	tgggtgtgctc	accactggag	aatgagagct	gctgagtctt	180
gaggatggcg	agacagcctt	cctgcatttg	ctgctttagt	ttctgcttta	gagctaagtt	240
ttatacagag	aataaaatga	ccatcttctc	ttacaaacac	gatgatgtat	gacccccacac	300
aacacaaggt	attatgaagt	atctgaaact	gaggataatc	tgactgaaga	tgcttgccga	360
gagggtacct	cggccgcgcc	acgc				384

&lt;210&gt; 526

&lt;211&gt; 621

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (621)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 526

actgtagctc	cccagagat	gtgatgagta	tgccttcacc	cttgggtgtca	tactgggggtc	60
ttccggcacg	tcccagcatc	tgcagaatgt	ccagtgtctc	cagttctgtc	caacgccccct	120
tctctggact	gtacaatgtc	actgacggat	cctgccagct	gtttgtgtat	gggggctgtg	180
acggaaaacag	caataattac	ctgaccaagg	aggagtgcct	caagaaatgt	gccactgtca	240
cagagaatgn	canggggtgac	ctggccacna	gcangaatgc	agcggattcc	tctgcccag	300
tgcttnagaa	ggcagnattc	tgaagactac	tncagcgata	tgttcaacta	tgangaatac	360
tgcacngtna	accgcattna	ctgggntttg	ncngtgcac	cttcnacgct	ggtaccttcg	420
gccccgggacc	acgcttaagg	gcgaatncan	gnactactgg	ccgggtcggt	actantngaa	480
tccgagnttc	gnnaccaagc	tttgcgtaaa	atattgggca	taagttggnt	ttctgngnga	540
aaaatgggtan	atcngtttnan	aattcccnaa	tatatncanc	cngtnccttt	aattntaaat	600
ccggggggtnn	taantnantn	n				621

&lt;210&gt; 527

&lt;211&gt; 611

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(611)  
 <223> n = A,T,C or G

<400> 527  
 acagctcatc cacttcctca tctgtaaacc gatcccccac ggttgtcagc agctctctta 60  
 ggtaattcttc ctgaatgggt cctggtgctt cttcatcaaa gcaagcaaag gcgtttctga 120  
 tgacatcttc aggatctgtg ccatttaact tctcaccaa catggtcagg aacatgggta 180  
 aattgatggg ccctggggcc tcattcatca tggcatcaag gtatgcatca gtgggattct 240  
 tccctagaga agcaagcata tcatgcaaat cttccttgct gatgaagcca tctctgttct 300  
 gatcaatcat gttgaaggcc tctttgaact cctgaatctg tgattgggtca aacatggcaa 360  
 acacattgga tgttgacgcg tgaggcgct tcttggtggt cttggtcttt gcctttttgc 420  
 ttgcacatgg tggntgggta attncgacgc ccaaaccacca gaacccgggg ccancctgcg 480  
 cganaacgca accaaaacct tnggcggaa cacccttaag gggaaatccc nncactgggg 540  
 ggccgtataa nggganccna ntnggacca aacttgngng aaaaangggc aaanngttc 600  
 ctgnggaaan n 611

<210> 528  
 <211> 593  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(593)  
 <223> n = A,T,C or G

<400> 528  
 acaagctttt tttttttttt tttttttttt taggtagtgg gtgttgagct tgaacgcttt 60  
 cttaattggg ggetgctttt aggcctacta tgggtgttaa attttttact ctctctacaa 120  
 ggttttttcc tagtgtccaa agagctgttc ctctttggac taacagttaa atttacaagg 180  
 ggatttagag ggttctgtgg gcaaatttaa agttgaacta agattctatc ttggacaacc 240  
 agctatcacc aggcctcggtg ggtttgtcgc ctctacctat aaatcttccc actattttgc 300  
 tacatagacg ggtgtgctct tttagctgnt cttaggtagc tegtctgggt tcgggggtct 360  
 tanctttggc tctccttgca aaggattttc tagntaattc attatgcnaa aagnatangg 420  
 gtaagccctg ctatataagc ctgggtataa attttcancc tttcctttgn ggaccctnng 480  
 ccggaacacc ctaagggcga aatccancca ctggggggccg tactaaaggg atcccaactt 540  
 gggnccaact tggnnnaaac cggggcanaa nngtccctgg ggnaaatggn anc 593

<210> 529  
 <211> 251  
 <212> DNA  
 <213> Homo sapiens

<400> 529  
 accattgggt gccaatgtat ttgatggtaa gggagggatc gttgacctcg tctgttatgt 60  
 aaaggatgcg tagggatggg agggcgatga ggactaggat gatggcgggc aggatagttc 120  
 agacggtttc tatttcctga gcgtctgaga tgtaggtatt agttagtttt gttgtgagt 180  
 ttaggaaaag ggcatacag actaggaagc agataaggaa aatgattatg agggcgtgat 240  
 catgaaagac c 251

<210> 530  
 <211> 601



<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(601)  
 <223> n = A,T,C or G

<400> 530  
 acagtataaa atgtttccat aggaacacaa aagaaactgt cactagtggc ctgctgtcag 60  
 atggcttcta attcatcagt tagccatttt taggacacta gtccagctta ttgctacaat 120  
 cttcaagttg ttctagtcac ccaaattata atgaattcaa tgtataccag aattttacaa 180  
 taaaggctca aagagttata taatatacac caatatacac aaaacagcta ttctgagtaa 240  
 aatgaatatt ccatacttaa ataagaacca agaatagtaa ttttaggcta ctctattatc 300  
 cttgtgattg gtatttttaa aattttgagc aaagtgcaca gtgaatgaaa cagtcagcag 360  
 acacgatcct tctgtgaact ctcaaattcc tgccttagaa tcacgtcacc tgagaaatga 420  
 gaacctttga gacctggtgc atatcaaata gcttcacatg tcaaaccaca ggggccgctt 480  
 ggangccatt ctngggcaca ggangncaac tggttcnttn aaaatgggnc ccttnctgt 540  
 gcangggccc tgtgttaaag gcccacaaac cggcctcngg ggaaacaagg ttgntaatta 600  
 a 601

<210> 531  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(607)  
 <223> n = A,T,C or G

<400> 531  
 ggtacaagct tttttttttt tttttttttt ttttttttct cagccttgga tttcttctta 60  
 gcttccttct gctttaagct cttggtctct tgtttccgct natttctggc ctgcccttgg 120  
 atagtagtct gacactctcc ccgttgaacc ttctgectca tcttcttctt gcttttagca 180  
 atctttgctt tatcctcctc attcaatggt tcttgggect ccagtttctt tagggggcgg 240  
 ttgtctgtct tgttcaatag ctacgtgatt ttgaccttag gtggccgacc tcgaccccggt 300  
 ttcaccttgg ggacttccct agtcttagcc ttctcagtgt ttcaaggctc accccgtttg 360  
 ccagtaattg cctgaatcct cgacgggatc tccctctgctg aaagctgcac ccactgcaag 420  
 ccccttggcg ngnetctttt cttcaaagaa atctccaaca nggcatacgg ggactgaanc 480  
 ttaanngctt nttggnggaa actgggnacc tggccgggca ngggcctntg ttttacctnc 540  
 tggnaatnaa aagggaataa ncaaaaanttt accctnttna ccnngtttnt ggggtngggg 600  
 gaaaaang 607

<210> 532  
 <211> 608  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(608)  
 <223> n = A,T,C or G

```

<400> 532
ggtactgaac aggtaagtca tccctcagcc agagattagt ctacttcttc catgcgtagat      60
gtgtcgtcat ctccctcaag ggggtggcatt tcttcagtta cagcagcact ggtatcatca      120
gcagtagggg catcttcac aatacccaga ccaagtttga tcacccgtga gatcctgtta      180
gcatgtgtct ggggatcttc cagactgaag ccagaagaca ggagcgcagt ttcataaagc      240
aagatgacca gatccttcac agacttgctg ttcttatcag cctctgcctt ttgccttaag      300
gtctcaataa tggaatggtc aggggtttatc tccagggtgt tctttgctgc catgtaaccc      360
attggttagt ngctcttagg gcttgagctt tcatgattcg ctccatgttt gctgtccagc      420
catatgtgct tgnagacaatc agcatggaaa ntcaccaatc cggttgacac aaccacnttt      480
cactttttct ccaaanngcc tttcatgant ttcnnanggt ntcaaacttt gggttttcnc      540
ntnccgggtc nttnctntt ttaaaccctt nggaattccn gccttttttg ggacnnacnn      600
taagnttt                                     608

```

<210> 533

<211> 593

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(593)

<223> n = A,T,C or G

```

<400> 533
acacatttgc tgatggcttc tcaaaacctg agccgagaat aggggtctgat agcccagcca      60
agttttaaag cagacacaca cgaatgtagt atcgttgtgc ctgaaatgac cattctgggt      120
tgtttagaat ccagaatcat caaaagccat gtggtatgag gaagtaataa ataccctctt      180
gaatcttctt accctatttt gcacaaatgg atggctgcat gaacagctct tgtaaatgac      240
tctgagtcca caccaataga aacctgcact cattctatag ctacagaggg tttgttggct      300
taaggggact ttatcatctc agcattaatt tcccttttaa agctattctc aagggttgac      360
tgtctcagag ataaacaaag aggaatcctt ttggcttaga agccaactgg cttactcaga      420
cttctcctt tctactcca attcccacac taccatanta tcntcttgac tagaaaatca      480
attatttacc tgacataagg gcaagtctat tctttttcca nnccttgccc tnggggcctt      540
ggnaanaaaaa atcctntgcct ttttggaana agttttggga cnnngcttagg ttt          593

```

<210> 534

<211> 608

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(608)

<223> n = A,T,C or G

```

<400> 534
ggtacacttc tgtttatatt taaacaacaa agaaaaaagc atctacacac ttaaaaaatt      60
aattcaatat tcctaaatct attttaatc attttaaaat actacataca gaagccagaa      120
tgcagggtta agaatggaat aagggtggga gaagaagggg accacgaaga aaaacactta      180
gacaattact tgtctgttgt gggtaaagca acaggaatcc tgggagatac aagaaatcag      240
taacaacttt gctcataact gatattttcc cctcatgttt gtttttaata acgtccatat      300
gggtgctctc tgtatgctcc cttcactggc ctacgaggag gggccttnag cgacggcctg      360

```

gtcccatgcc	agtcgcctct	ggccataagc	ttcataagaa	tcttgaacct	ncccatgtcc	420
atagtcataa	tattctgagt	cccccttgact	ctggctgnaa	ataancctcg	tagccttnga	480
actttggtct	gcgnatgnat	natcatatnc	ctaatacntca	naagnttntn	gngcccgaa	540
ttggnggcaa	gggttctttn	ggaanccct	tncengcctt	tggggnctgg	acnncctnan	600
agnggggg						608

<210> 535  
 <211> 603  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(603)  
 <223> n = A,T,C or G

<400> 535						
acaaagtgc	ccctcgctcc	tgccaccggt	ttgagcaagc	gttctacacc	tatgacacgt	60
cttcacctag	tatcttgaca	ttgacagcca	ttcgccacca	tgtccttgga	actatcacca	120
ccgacaaaat	gatggatgtc	actgtgacta	tcaagtcttc	catcgacagt	gaacccgcct	180
tggtcttagg	ccctctgaag	tctgtgcagg	agctgaggag	ggagcagcag	ctggctgaga	240
tcgaggcccg	caggcaggag	agggagaaaa	acggcaatga	ggaagggtga	gaaagaatga	300
ccaagcctcc	cgtgcaggag	atggtagatg	agttacaagg	ccccttctcg	tatgatttct	360
cttactgggc	gcnggnctgg	agagaaaatt	actgnttcac	ngtcactctna	agaactgctc	420
ttttatcccc	ctttcaatgg	aaagcncggt	gntcangtgg	gaagaaaagct	tgcncagggg	480
aaanttgat	tcgagatncn	ccgggaaaag	gccaggcctg	gtttttaaaa	agggcccnaa	540
tcccccccg	nanttgnaaa	gggaatccna	aattggtctt	ccntnngaaa	aggggncaag	600
ttn						603

<210> 536  
 <211> 581  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(581)  
 <223> n = A,T,C or G

<400> 536						
ggtactcctg	ggaggctttt	gacagccacg	ggcaggagag	cagcggccag	cttcccgagg	60
agetctttct	gctgctccag	tcttttggtca	tggctaccca	cgaaaaggac	acggaagcca	120
tcaagtcgct	gcagggtggag	atgtggccac	tgttgactgc	tgagcagaac	cacctccttc	180
acctcgttct	acaagaaacc	atctccccct	caggacaggg	agtctgatcc	atcccattca	240
cccagtgact	tctttttgcc	caggcctgga	ctttttgcat	cagtcacggt	aaccagatga	300
ctttgcctgt	taccaaaccct	catgcatcca	cgtttgctgc	tggggaggaa	taaaaagaca	360
tcgttcccg	ttctgcgttt	tgntattcct	actgccgcca	taggaattat	ttcgtggctg	420
aacgttaccc	agcancccga	gaacactttt	ggatagaatt	ngagttgagg	acattggctg	480
gcttttaaaa	ancccnctt	ggaaatngna	atncctttcg	ntcctttctc	cggnggttcc	540
ncctnanggn	anttttggtt	cgctttgntn	caaagnagg	g		581

<210> 537  
 <211> 568

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(568)  
<223> n = A,T,C or G

```

<400> 537
gggtacggact actccctca catgcgtcct acctgtgaaa ctctgggaag caggaaggcc      60
caagacctgg tgcctggatac tatgtgtctg tccactgacg actgtcaagg cctcatttgc      120
agaggccacc ggagctaggg cactagcctg acttttaagg cagtgtgtct ttctgagcac      180
tctagaccaaa gcccttggag ctgctggttt agccttgcac ctggggaaaag gatgtattta      240
tttgtatttt catatatcag ccaaaagctg aatggaaaag ttaagaacat tcctaggtgg      300
ccttatttcta ataagtttct tctgtctggt ttgtttttca attgaaaagt aattaaataa      360
cagatttaga atctagttag agcctcctct ctggtggggtg gtggcattta aggggtcaaac      420
cancnanaaa tgcttgggtgc tgggttnaaaa agctcangtg gctgctgtgg tggctnatgc      480
ctgnaatcca acattntggg aaggccaagc cggaaaactg ttnggccnng anttaaaaata      540
anctgggcac ntacaanntt cgttttnna                                     568

```

<210> 538  
<211> 598  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(598)  
<223> n = A,T,C or G

```

<400> 538
gggtttttttt ttttttngtt catgtctttt attaaactcat acagttactt gtcttctggt      60
ttgttgaaac agtaagtcag acaacntttg ccacaataat gtctgtcaaa gtgacttgcc      120
ataaanaccc cancaccaca ttcatacataa gggcactctt gacgaaggcg actaattttg      180
ccattctatt tcaggacagc cagctaaacc ttctntctct tgtgcttatt cttcttggga      240
gtgggtgtaag acttcttctt ccttttctta gcaccaccac gaagtcttaa cacatgatga      300
agantagact ccttttgaat attgtagtcn gacaagagtn catacatcat accaactttn      360
tanatacaca gctcagttaa ttagcttgat ggcacagtta tngttnggaa nagagangag      420
tgcancatan gnangagtga ngnggngatt cccacaattt tctnagaacn gaanagttag      480
nngaattagt aggtactgga aatgaaatnn ggcttagcct gnctggntta gaaanaagaa      540
ttcnaagccc tttgtcaana nttntcaaaa agtnacttta ngcctatntt gcgggnag      598

```

<210> 539  
<211> 607  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(607)  
<223> n = A,T,C or G

<400> 539

ggtacaggct	ttaacagaaa	ttcaggagtt	catcagcttt	ataagcaaac	aaggcaat	60
atcatctcaa	gttcccccta	agagacttct	gaacacctgg	acaaacagat	atccagatgc	120
taaaaatggac	ccaatgaaca	tctgggatga	catcatcaca	aatcgatgtt	tctttctcag	180
caaaatagag	gagaagctta	cccctcttcc	agaagataat	agtatgaatg	tggatcaaga	240
tggagacccc	agtacagga	tggaagtgc	agagcaggaa	gaagatatca	gctccctgat	300
caggagttgc	aagttttcca	tgaaaatgaa	gatgatngac	agtgcccgga	agcagaacaa	360
tttctcactt	gctatgaaaa	ctactgaagg	agcttgcata	aagagtcaaa	aaaccagaga	420
cgaattggct	ggtgagctgg	ggtgccaaac	tactggcgnc	tggagcccc	taccgggag	480
ccgggnccc	anggnctgg	cttganncag	gggcttcaat	tggccttgaa	aacnagtctt	540
ttttggttg	attagnaacn	cacngtgtca	agctncttta	agccaaaaat	tntccnggnt	600
tttnccg						607

&lt;210&gt; 540

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(432)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 540

ggtactgac	attctat	tttcc	ctctatt	gatcccc	cacc	tccaaat	atc	tcatca	acaaa	60
ccgactaat	accaccca	aac	aatgact	aat	caaacta	acc	tcaaaa	acaaa	tgata	120
acacaacact	aaaggac	gaa	cctgat	ctct	catactag	ta	tcctta	aatca	tttttatt	180
cacaactaac	ctcctcg	gac	tcctg	cctca	ctcattt	taca	ccaacc	accc	aactat	240
aaacctagcc	atggccat	cc	ccttat	gagc	gggcgcag	tg	attatag	gct	ttcgct	300
gattaaaaat	gccctag	ccc	acttct	tacc	acaaggc	aca	cctacac	ccc	ttatcccc	360
actagttatt	atcgaaa	acca	tcagcc	tact	cattca	acca	atagcc	cctg	ccgncct	420
ncgtgaccac	gc									432

&lt;210&gt; 541

&lt;211&gt; 597

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(597)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 541

gggtaccggc	gtgtcaaaaa	aatgtcagat	gacgaggacg	atgacgagga	ggaatatggc	60
aaggaggaac	atgaaaaaga	agctattgcg	gaagaaatct	tccaggatgg	ggaaggggaa	120
gaagggcagg	aggccatgga	ggcccccatg	gctcctccag	aggaggagga	agaagatgat	180
gaggagtcag	atattgacga	cttcattgtg	gatgatgatg	gacagcctct	gaaaaaacct	240
aagtggcgga	aaaagcttcc	tggatacaca	gacgcggccc	tgcaagaagc	ccaggaaaatc	300
ttcggtgtg	actttgacta	tgatgaattt	gagaaatata	atgagtatga	tgaagaactg	360
gaggaagagt	atgagtatga	ggatgatgan	gctgatgggtg	aaatccgatg	cccccccaga	420
agaccaccca	gaaacngtgt	tgagcccntn	ggagcntttt	ttgaaatgg	ttganncccn	480
gtngggcttt	naaagccnnc	nccttacnna	ttnggggect	tngantcccn	gccttncct	540
gccttnaaag	ggtccanntt	ccgttncttc	ccagtcangg	ggnttaaaaa	tnatnan	597

<210> 542  
 <211> 577  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(577)  
 <223> n = A,T,C or G

```

<400> 542
gcccaaggct cagccagtct ctattttaaga aaattttaaca aatacgagta accctgtccc      60
aatcaactgaa tctctagtta ctactcttag aaacacctgt ggcttcttgg ccctcctggt      120
gcccgtctctg aatctctctg cagtctacaa aatcgcccca gtcaactctc cacttggagg      180
gaattgtcca gtgtggcccc tagaattgag tcacccctta gataccaact gtctgacccc      240
gaggagctct gtaagtccct gctcctctc ttccctttgg ggctggtgct gccactcagc      300
aataatcctc ttttctctgt gctttcttag gtccctgtcc tctgtctttg aggctgggta      360
ggaagcaaga gtcctgatct ttcattgctgc acaatatgag catgcaaaaa gctttttcca      420
gcagaacatg ttccctcgtc tccagttgcc cggaaaagga atttggggga tcaaagaact      480
tagcttggnc taccctcatg ttgagttctg gccttggaaa ancccaagcc aagtnangga      540
ccnagacctt ggccggaaac cnttaagggc aatteen                               577
  
```

<210> 543  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(607)  
 <223> n = A,T,C or G

```

<400> 543
tcgagcggcc gtccggcagg tacattattg ggcctcattt gccagcaac ggggcatcca      60
gattgagtgc agtcagggcc atgtcttcac tcgggggact cancaggctt atacctcaag      120
caggcacagt gatcgggcgc cttatctctg attggagtgt taccanatg gtgagtgacc      180
taagtcagggt gaccgttcac ctgatggcct caccactga agagaatgct gatcactgtc      240
ttgatccctt ggtaacaaag acccactgc tgagcttgct ctccctcacc taccaacggn      300
ntancaattc gcacagctga cgaggagctc tctgntcgtg atggggatcc tacctttcat      360
acanatcagc tgcacttagt nnanttacng atttctggac aaactaccaa tcganacatt      420
gcctttgggt aattgatggg tccctnggcc gngacaanct taggggcgaa tttccatnca      480
actgggcggg ccgntactan cngnatccta nctttgggac ctaatcttgt tgtanccatg      540
gcnttacntg tacctctggg taatcntatc cngtnaanta tccnnanctt tactngccng      600
anntnng                                           607
  
```

<210> 544  
 <211> 570  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)... (570)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 544

acttgggctt	ctttcagctg	cttcaacaga	gtggcagcaa	ccaagctgga	gtccaagccc	60
cctgataaaa	ggcagccaat	ccttctgtct	gtcatcaaac	gtttctttac	agcattatta	120
aaaaggatcc	tgaggttggt	cttcacagtt	tctatctcaa	aacctggaaa	gagtttctcc	180
acattgtcat	agagggcggtg	caggggttca	tcccgacagt	gatgatattt	aaccatttcc	240
acggatgcaa	ctttgccatt	tggttttaaa	tccaaaactt	catagtgtcc	aggaagaaaa	300
ggctccactt	ttaaaaagggt	agtgcgggag	tgcttcaatg	taacaagacc	tttagcttct	360
gaacatacag	ccaaaaaatcc	atcttctgtc	attgctttta	acaaagggtct	gactccatat	420
gtatctctac	ccaggaacac	tttcttattg	gcagtatcca	gtaaaacaaa	tgcnaacaca	480
ccatccaaca	tacaaattgn	ttgctcaatt	cctcctttgg	cataaagatg	aaggattatc	540
tcaccaatcc	acttttggnc	tggnattcaa				570

&lt;210&gt; 545

&lt;211&gt; 330

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 545

accgtccagg	atctccaggt	catagccatc	agccagacac	cagttgacgc	ttgtctcctt	60
agtcttcccg	gattgccttt	tggaatcata	tatgctgact	ctgccaacct	tgggggtggtt	120
gacaataaag	ggatgtcgta	gtccatcctc	aaatgcactc	ccatctcttg	tcacacgaca	180
gcaaatagca	cgggtcagat	gcccttggct	gaaaaggtaa	cccaatgtga	cagatttgag	240
ataaatgggc	tgcaggaagt	gggtcaacag	tgccccttgc	aggcccagca	cgttccagcg	300
taggattttg	tcactacagg	acatggtacc				330

&lt;210&gt; 546

&lt;211&gt; 589

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (589)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 546

ggtaccagag	gcactgtgga	tggggccacgg	aatgaattgt	cccgggtctc	caaaaagaac	60
atTTTTcttc	tattttaagaa	gctctgctcc	ttccggtacc	gcagggatct	actgagactc	120
tcctatggtg	aggccaagaa	agctgcccgt	gactacgaga	cggccaagaa	ctacttcaaa	180
aaaggcctga	aggatatggg	ctatgggaac	tggattagca	aaccccagga	ggaaaagaac	240
ttttatctct	gcccagtata	gtatgtccca	gtgacagatg	gattagggcg	tgctatacta	300
gggtgtgaga	gaggtaggtc	gtagcattcc	tcacacacatg	gtcaggggat	tttttttttt	360
cctttttttt	ttcttttttaa	gccataattg	gtgatactga	aaactttggg	gttccccattt	420
atcctgcttt	ctttgggatt	gctaagcaag	gncttggcca	agccccccct	ttttttcccc	480
caaggngaaa	agnccnaaan	cctaanaagn	tatcctttct	ttttanccca	aggcttccct	540
tagcccttgg	ncncctggg	ggncccnttc	ctttaaaang	tttnggttt		589

&lt;210&gt; 547

&lt;211&gt; 613

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(613)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 547

ggtaccagggt	ttaaagttag	tcttctggag	aagtattttt	gacattgagc	tctgggacag	60
gacaccttgg	gtttgtggac	tgcagcccac	tatgatgtta	ttacttctct	ggccaggcct	120
ccagtgggaag	tgcacaggca	ctcccaatgt	tgtaaagtct	ctgtcttcca	ttgttctgg	180
aatcctacgt	gttggctctgt	ggttccatgc	attagctggt	tgtaaataat	gcatttgcac	240
actgaaaaag	gaatgccacc	tgccacagtt	gatggtgagg	aaagctcctt	gacgtgggtgc	300
aattttgatg	agatgtctct	ggggacacga	ggatgcccta	atgatgctga	cttgtcatgg	360
ttgcagcatt	tgaacttttg	gtgttaaaaa	naaaaaacct	tnagtctgga	accctggcaa	420
cattttacaa	ccctngnatt	tttaaaagaa	ggcntttctt	attaaaaaaa	ttcnnaaacn	480
ccaccagnnc	ctattgggtc	aaaccaattc	ctncncttnt	ggggccnctg	gtttttttaa	540
ggggcccttg	ctngaancaa	ttggnantcc	canggggttc	ganaaaaant	gaaatggttt	600
tnnccnccc	tcc					613

&lt;210&gt; 548

&lt;211&gt; 578

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(578)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 548

ggtacatatg	tattttacaa	tatacttacc	atgagtttag	aaaaatttga	attccccacca	60
ttctatacca	accaaccaca	acccactgt	ctacattccc	cagccagaag	acttagaatc	120
catgcttgag	ccaaagcctc	cattaaaacc	actgcccgac	cctgcattgg	atgctgatcc	180
ccaaccaatt	gctgcaccag	aattagagcc	actataagag	ttatttccag	aaccgaaggc	240
ctggtttggc	tcctctcgca	tggtgccttg	gttttgggta	ttacccgatg	ggcctgactg	300
gttctgctgg	ctggctaaca	tgcccatcat	accccaactg	ctctgtantg	ctgcctgggc	360
ggcagccatc	atggctggat	taatgctgaa	cgcacccaag	ttcatccacc	accatattac	420
tacctttgat	ggttnccaaa	ncaagtcacc	cctntgggta	ttaccaaata	caccctggat	480
cccaaagccc	cctgggatta	ccccccaaan	tttnccttnt	ttntaaatng	ccaatgntta	540
tggggcttaa	ggtcngcntt	ngatttttga	accctgnt			578

&lt;210&gt; 549

&lt;211&gt; 620

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(620)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 549



ggtacgcatg	tcacttccca	tcattggaacc	actcatgggt	gctgggtggaa	cgccaggatt	60
agcttcataa	cctatgccac	caccacctcc	tagagggtga	aatttctggc	ctcctgaacc	120
atagggatct	cccatgttca	ttgtccctcc	gccaccatt	cgcatgtctc	tttcccgtgg	180
atccatgtag	cccattcggc	tgtaactttc	ctctcttttg	cgcctcattt	gttcttccat	240
ctcacgttga	cgaatcatca	tctcttcttc	tcttctacgt	cgntcctcct	cttgccctcaa	300
ttgcatttct	ttacgtttct	gcatttcttg	attgtgaaaag	ttcttccatg	cgtcttaatt	360
cttctgtcg	tctcatcaga	tcttggcgca	aaagatttgc	ctgatgttca	tgatanggca	420
ttttccattt	cacttttcca	atttggncct	ttggcanctt	ttcannngtg	tnnttcaaac	480
ttnggtncct	tttggtggg	nttttcccat	ntcnatncan	atgagnnttg	nnntggngg	540
ggagnantgg	tngggnccta	nnctgtccgg	cccntntnaa	angggcgnaa	tttcnnaagc	600
cncatggng	ggccggtant					620

<210> 550  
 <211> 577  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (577)  
 <223> n = A,T,C or G

acctatgttt	cacctcctgg	aaatgaagag	gaagaatcaa	aaatcttcac	cactcttgac	60
cctgcttctc	tggcttggct	gactgaggag	gagccagaac	cagcagaggt	cacaagcacc	120
tcccagagcc	ctcactctcc	agattccagt	cagagctccc	tggctcagga	ggaagaggag	180
gaagaccaag	ggagaaccag	gaaacggaaa	cagagtgggt	attccccagc	cggggtgga	240
aagcagcgca	tgaaggagaa	agaacaggag	aatgaaagga	aagtggcaca	gctagctgaa	300
gagaatgaac	ggctcaagca	ggaaatcgag	cgcctgacca	gggaagtaga	ggcgactcgc	360
cgagctctga	ttgaccgaat	gggtgaatct	gcaccaagca	tgaaccaatt	ggggagcatc	420
aagtccccca	cttggggccac	acttaccac	cttttccaga	agtggcttct	gnctaccttt	480
nacttanngc	catgggtggg	accttaattc	ccattcccca	gggggaagnt	ttgaattacc	540
aaagggaagg	gtttnacctn	gttttagaaa	ttngccc			577

<210> 551  
 <211> 573  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (573)  
 <223> n = A,T,C or G

ggtacaaaacc	atcttctact	gtgacttctt	ctacttgtat	gtgaccaaag	tccttaagg	60
aaagaagtta	agtcttccaa	tgccaatctg	aggaccttca	gagacagtct	acgccttaac	120
aagcacatga	aggaaactat	tttgaatgtt	ctctttggca	acttatccat	aatttgggat	180
caaagtgtta	aaccagaaaa	gtgttttagt	tggatttcag	caaaaacctga	tcatcccacc	240
cagaagacct	tctcatcaat	agatcgccct	taaagaccca	ttgtaagggt	ataaaaaacc	300
tgggccaact	gcacaaagat	gggtgectac	tgcaacaaga	aaccttaagg	tgtcttaccg	360
acgaaataaa	aaacataaat	gattgntctc	caaaggcctg	agggaagac	tcatgatgag	420
caagtcaacc	cccaatctgg	aacaatggcc	ttctnttaaa	atgnccact	taagaccctg	480

taaaaatatta ggganctggc ccggcggccc tttaaanggc naattcngnc nctggngggcc 540  
ntacttangg gaccaacttn ggnccangtt ngg 573

<210> 552  
<211> 581  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (581)  
<223> n = A,T,C or G

<400> 552  
ggtacattca ggaataatca tatcactggt tacatacaac tctcatgcaa agaaaaccct 60  
caaaaaacaa acaaaaaaaaa ccctcagtta gttgttttct taagtctaata taatccaaac 120  
taataatagc catttaatta gcaatctgta aatcagagag gtatagaaat tcagcagcta 180  
aactgtatit tccacctata gcaactgtgc tactcaaact attttcttca cgtattagaa 240  
gaattcatag gcattgatgg tcaaaataag aatttcaaca tagcagcaaa tgacagaaga 300  
gtgagagaaa gagctcctaa tgtggtgaca gtcttaatga tcctttaaaa ggtagaagat 360  
tgngtgcgta tgtgtggaaa ggagtaggaa agaaaagcat gaggttaaga cagggtattta 420  
aagggaatgg cgagatagct accttagaat atttattttt ttaaaaaact gctctgaaat 480  
ctgcccagtg tacctgcccc gcnngnnttc naagggcnaa ttttgnncna tntnnttcan 540  
cttgccggggc cgtnnacctg gntttttaan ggccccantt c 581

<210> 553  
<211> 575  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (575)  
<223> n = A,T,C or G

<400> 553  
ggtactgccc ttggaacctt tgctgagggc tttgtaattc ctagttaaaa tccattttgta 60  
atattgtttc tgtaaagcac tcatttccat tcttaaaatc tgctcaacct tggcaggaag 120  
agatttttcc acatctttct taactcggcg taacagaaat ggctcaagct ccttgtgaag 180  
gcttgcataa ccatattctc tccctttgcc atgttcttct tcaaaatctt cccaggaaga 240  
aaacttttct ggcataatga aatgtagcaa agaccagagc tctttgaggg aattctgtag 300  
aggagtcca gtgataagga gacgatgatt ggatttaaaa tctattaaag ttttatacag 360  
aagggaagtca tcattcttta atcgggtgtc ttcatacaaa cctataaatg cccaatttaa 420  
gaccttccag ggaatgcctt aaaataatag aaaaacagta ttttgagaga aaaaccggaa 480  
ttcaaattta gcccttccat ttaatctgac tcaattatta aaatgaaatn naaattaaaa 540  
accaactttg gcctaatttt caaataaaaa atcgn 575

<210> 554  
<211> 548  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (548)  
 <223> n = A,T,C or G

<400> 554  
 acggaggact ccattaataa catggaaatc tccactctga aagcgattca ccatttctgt 60  
 cagcaagtca ggccatttct gtggaaaatc ttctctgcca ataatgctaa ttgcatcact 120  
 taactgcttc tgaatttgct ctgggctgct aagcatcaag tgcactatgt tggctttaat 180  
 ggccactcga tcggcttcac aaattttgtt tggttcatct tcaacaattc tccagttcct 240  
 tttaatatag tttttgaatg ttactgaagc acatactttg ataacattat cctgggactt 300  
 ctccagtaat gtcaaaaagca acagtggata attctgattt ccttcaacag attcaagaaa 360  
 tttctcagct ggacgtcggg tggcaggatc aggatcaagt gttttcttta aatattctgt 420  
 tagtgtttgc agatttgcac cgctgagttc cattgctata ggatctcgtg gggatacaga 480  
 aaccgaggaa ggaaccccag ccgcggaccg taactngcac taccocgcta cctngggcgc 540  
 gaaacacg 548

<210> 555  
 <211> 576  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (576)  
 <223> n = A,T,C or G

<400> 555  
 actccctgca taacaagaga ttattttgga gacagttgat aaaaaccata catccttttt 60  
 attgttaagt cataaagagg tatcaaaatt aaaagcaaaa attacagggg aagacttaac 120  
 aaaactacta ggagcgtcaa aggaagtga aatgggacta ggcgcggggc aatatgaatt 180  
 aatgaacatg ggaaggacaa ggatggggag aacagtgaag atgtgctgaa gatactaggg 240  
 gagaggatct ggtgaaaaat ttgatcttag acaagcgcct aggtaaaagaa ataatgggat 300  
 aagattttcta aaccccacta tgtgcttaag agtcacctc gccattggcg ctgncctctgn 360  
 catcctctcc ttctcacctc tttttcatca tccttgatca actccagctt ggcattcccc 420  
 cgatcttcat tatcattaat cttccagtan gncccccttc ttagcanaag taatntgnac 480  
 cccctttana attcattttt ccatttgnct aaattttttt tccnggacnn gtnggnntgg 540  
 gcccttttng nnntaaaant ttaantctt acnngg 576

<210> 556  
 <211> 613  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (613)  
 <223> n = A,T,C or G

<400> 556  
 ggtacctctt cccatgactg caccagctc caggggccct tgggacagcc agagctgggt 60  
 ggggacagtg ataggcccaa ggtcccctcc acatcccage agcccaagct taatagccct 120  
 cccctcaac ctaccattg tgaagcacct actatgtgct ggggtgcctcc cacacttgct 180  
 ggggtcacg gggcctccaa cccatttaac caccatggga aactgttggt ggcgctgctt 240

ccaggataag	gagactgagg	cttagagaga	ggaggcagcc	ccctccacac	cagtggcctc	300
gtgggttatta	gcaaggctgg	gtaatgtgaa	ggcccaagag	cagagtctgg	gcctctgact	360
ctgagtcac	tgctccattt	ataaccccag	cctgacctga	nacttgtegg	aaaagctgtc	420
ttggggcctt	ttatnaaata	aaaagacttn	agnnatgac	aangganggt	ttaagaangg	480
gacttgnngg	gaantnggaa	gnnannaanc	ccttggttgg	ggtttaagnn	nccccacgtt	540
tggcccagge	angtggtttt	ttccttnttg	ggnccttngg	tnncnttgng	ggacanaagg	600
nnntttgnac	ccc					613

&lt;210&gt; 557

&lt;211&gt; 607

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (607)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 557

acctggatga	aaagcagagg	gaccccagaa	tcgaagcgag	caaagtgtctg	ctgtgccatg	60
gggagctgcg	gagcaagagt	ggacataaac	tttacatttt	cctgtttcaa	gacatcttgg	120
ttctgactcg	gcccgtcaca	cggaacgaac	ggcactctta	ccaggtttac	cggcagccaa	180
tcccagtgca	agagctagtc	ctagaagacc	tgcaggatgg	agatgtgaga	atgggagggt	240
cctttcgagg	agctttcagt	aactcagaga	aagctaaaaa	tatctttaga	attcgcttcc	300
atgacccctc	tccagcccag	tctcacactc	tgcaagccaa	tgacgtgttc	cacaagcagc	360
agtgggtcaa	ctgtattcga	gcggccattg	cccccttcca	gtcggcaggc	aagtcacct	420
gaactgcagg	gcctggccgg	agctgtacga	aaaatgtgaa	ggggaaccac	cctttgcgag	480
gaactnacag	cccaaaggaa	ggcattcaca	gtttcagtg	tacttcaggt	agaaagttga	540
tgaaaaccct	taccagantg	tggcttttgg	cattgcaaat	ggcagaggcc	agcaagaact	600
taaannt						607

&lt;210&gt; 558

&lt;211&gt; 355

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (355)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 558

acaaagacaa	agaaacaaac	tacattggca	tttaagccaa	tcaaaaaagg	aaagaagaga	60
aatccctgg	ctgattcaga	atcagatagg	agcagtgacg	aaagtaattt	tgatgtccct	120
ccacgagaaa	cagagccacg	gagagcagca	acaaaaacaa	aattcacaat	ggatttggat	180
tcagatgaag	atttctcaga	ttttgatgaa	aaaactgatg	atgaagattt	tgtcccatca	240
gatgctagtc	cacctaaagc	caaaacttcc	ccaaaactta	gtaacaaaga	actgaaacca	300
cagaaaagtg	tcgtgtcaga	ccttgaagct	gatgatgtta	agggcagtg	acctn	355

&lt;210&gt; 559

&lt;211&gt; 597

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(597)  
 <223> n = A,T,C or G

<400> 559  
 acccgcaaaa cgggacatag tatgtgacaa tctgcatcga tcatggacta ctaaatgcct 60  
 ttacatagaa gggctctgat ttgcacaatt tgttgaaaaa tcacaaaccc atagaaaagt 120  
 aagtaggcta agttggggag gctcaaacca ttaagggtta aaaatacatc ttaaaccattg 180  
 gaaagctctt ctagctgaat ctgaaatatt accccttgtc tagaaaaagg ggggcagtca 240  
 gaacagctgt tccccactcc gtggttctca aaatcataaa ccatggctac tcttggaac 300  
 cacccgcca tgtggctgcc aagtagagca agcccccttt ctcttcccaa tcacgtggct 360  
 gagtgtggat gacttttatt ttaggagaag ggcgattaac actttttgac agtattttgn 420  
 ttgcccctga tttgggggat tgnnttggtt ttggtgggtt gttttggaaa aacnggttat 480  
 aaactgggtt tttgnangnt ttgggatttt aaagcccnna ataaaaaann nnanaaaaaa 540  
 aaagnctttg gncctttgggc cggaaaccct taangggcna attccagcca ccttggg 597

<210> 560  
 <211> 559  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(559)  
 <223> n = A,T,C or G

<400> 560  
 gactttgagg caagtgtggg ccaactgtggt ggcagtggag gtgggggtgtt tgggaggctg 60  
 cgtgccagtc aagaagaaaa aggtttgcat tctcacattg ccaggatgat aagttccttt 120  
 ccttttcttt aaagaagttg aagtttagga atcctttggt gccaaactggt gtttgaaagt 180  
 agggacctca gaggtttacc tagagaacag gtggttttta agggttatct tagatgtttc 240  
 acaccggaag gtttttaaac actaaaatat ataatttata gttaaggcta aaaagtatat 300  
 ttattgcaga ggatgttcat aaggccagta tgatttataa atgcaatctc ccttgattta 360  
 aacacacaga tcacacacac acacacacac acacaaaccn tntgcctttg atgttacaga 420  
 ttttantccg ttnattttta aggatagagc ctttatnggt gnnnanaaaaa caatctggan 480  
 taaaaaaaac ncncnggcc ttgnatttng ncttnntngg ggtttcccca aanccattnn 540  
 nnttgnccag ctnggggng 559

<210> 561  
 <211> 569  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(569)  
 <223> n = A,T,C or G

<400> 561  
 ggtacaagct tttttttttt tttttttttt tttttttact ttttgggana naggctagga 60  
 ggaggaaggg gtgaaaacag cgtctcactg gagtctcaaa agtgtatgaa tcttctggta 120

gtgcaaggat	gggataagat	ggccagggaa	gtcagatgga	aaatccccaa	gattcttttt	180
gctactgatt	tctataatta	aaatatgaca	tatgtaaggg	actagtgcac	gatattcaat	240
aaatgtcagt	tgtcttttcc	aactagggtc	ctcacaggct	aggttatgcc	tanatatcat	300
cacccctcct	tcaggggaatg	aagctcacct	agaaaactag	ggaactaaaa	gtgcaatatg	360
gtttgggtaa	tgcagttggg	tagctgctcc	ccatcctccc	aactcactat	tccagggagg	420
ggctgaaaac	agaaatggct	cccctgaagc	tanntagcat	ggcatgcana	gtcncatgaa	480
aggtttgggc	tggaattttt	aagccaagnc	ctnttttttg	gaaaaaaatn	ttgggaaaaa	540
ancccnccc	tnctgnttcn	nagctgttt				569

&lt;210&gt; 562

&lt;211&gt; 597

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (597)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 562

cgaggtacgg	atgctacttg	tccaatgatg	gtaaaagggt	agcttactgg	ttgtcctccg	60
attcaggtta	gaatgaggag	gtctgcggct	aggagtcaat	aaagtgattg	gcttagtggt	120
cgaaatatta	tgttttggtg	tttggatata	tggaggatgg	ggattattgc	taggatgagg	180
atggatagta	atagggcaag	gacgcctcct	agtttggttag	ggacggatcg	gagaattgtg	240
taggcgaata	ggaaatatca	ttcgggcttg	atgtggggag	gggtgtttaa	gggggtggct	300
agggtataat	tgtctgggtc	gcctaggagg	tctgggtgaga	atagtgttaa	tgtcattaag	360
gagagaagga	agagaagtaa	gcccaggggc	cgtctttgat	tgtgtagtaa	gggggtggaag	420
gtgattttat	ccggaatggg	aagtgatnct	aagggggggt	gtttganncc	cttttctntgc	480
cntaaaantgg	angtngaatt	ccnnntnngg	cncncatana	ttanaggcca	aaatnaaatt	540
gaanggnnaa	aaaancctnn	angggggggga	ctgntnnntg	agaaccccc	taaaatn	597

&lt;210&gt; 563

&lt;211&gt; 574

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (574)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 563

acgccaagaa	ccgtattctt	tgccacaggg	ttttatgtgg	gacacttttag	acttgagtga	60
tgccgaagtg	ctcaaggagt	tatacacgtt	gttaaatgag	aattacgtag	aagatgatga	120
caatatgttc	cgatttgact	attcacccga	gttcctgttg	tgggctctgc	gtccaccagg	180
ctggctcctg	cagtggcact	gtgggggtcag	agtgtcttca	aataaaaaaac	tggtcggggt	240
cataagtgcc	atcccagcaa	acattcggat	ttatgacagt	gtgaagaaga	tggtagaaat	300
caactttctt	tgtgttcata	agaagttgag	atcgaaacgg	gtagccccag	tgctaataccg	360
agagatcact	agaagagtga	acctggaagg	gatcttccag	gctgtgtcaa	aaagcacact	420
ctccannct	cngggccctg	cattcctgcg	cttntntnna	gacactttcc	ctttctattt	480
tactgnggtg	actttttcaa	acgctgtnac	cccaaccctt	anantttttt	gcccttggcg	540
gnntatnggt	taaanatcac	ccttcccngg	gttt			574

<210> 564  
 <211> 600  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(600)  
 <223> n = A,T,C or G

<400> 564  
 ggtacagaat atttctaata aacctaaatt taatcacagt taaaatttct caaaagtatt 60  
 ttcaagtgtc caagaatatt aaagtttggg gggaaatacc taagtcataa ataagcaagt 120  
 attccctcca agattcacta attgggataa aagtctcagg gtaagccac aagaatggtc 180  
 tgcaataaag aaaaatcagg tctgtgtaga gtaatttctg ccatctttag cagaaaagcc 240  
 aaaaacattc tgagccaaat aaaagcaaag atcttttgat tcagcgccct ttgttggtgt 300  
 agttttaatt tctaacttct caacatgtta tagctcagaa attcccatat gcttactatc 360  
 tgtaataaag aactataacg ttaaagaaaa aattcagaga ccgtgatcat tttccatcat 420  
 aggtctggct ctctttggta gaaacagatc aagacttact ttatttttct cttccccncc 480  
 ngaagaaaan ggggggttta atggcnttta cccttgtnaa anaaccncc ngggtttaac 540  
 cttnaaattn ggnnggggtaa aanancctaa ngntnagccc tttttnanaa ctnggggnaa 600

<210> 565  
 <211> 600  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(600)  
 <223> n = A,T,C or G

<400> 565  
 accatgggcc atgtggacca cgggaagacc aactgactg cagccatcac gaagattcta 60  
 gctgagggag gtggggctaa gttcaagaag taccaggctg tttgtgatcg tatcagccgc 120  
 tatgtgaaac agcctttacc tgatgagttt ggcagctcac ccttggagcc aggggcctgc 180  
 aatggctcca ggaacagctg tgaaggagaa gatgaggaag aaatggagca tcaggaagaa 240  
 ggcaaagagc agnttttnana aacagaaggc agnggggaag atgagccagg aaatgacccc 300  
 agtgagacca cccaaaagaa gatcaaaggc cagccctgcc caaaaaggct tntttaccnt 360  
 cagtcttgtg aactcctatg gaacagctga cataaatttc actttgcagc tnatggaaaa 420  
 ctacntaaac tcaantnttc ganctacact tggncntgga tttgtgacnt ttgaaaactn 480  
 tggaganttt tncatgnnt gtgcncnnaa attntaggg nttntccnat aaatctctgt 540  
 tanccttttt ggnnaccntt tcnaagnaag atntnangnc cctanggncc nttnaaaaaan 600

<210> 566  
 <211> 576  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(576)  
 <223> n = A,T,C or G

<400> 566  
 ggtactgaac aggttaagtca tccctcagcc agagattagt ctacttcttc catgcgtgat 60  
 gtgtcgtcat ctcttcaag ggtgtttttc tttatttttg ttaattattaa aaagtctgta 120  
 tggcatgaca actactttta ggggaagata agattttctgt ctactaagtg atgctgtgat 180  
 accttaggca cttaaagcaga gctagtaatg ctttttgagt ttcattgttg tttattttca 240  
 cagattgggg taacgtgcac tgttaagacgt atgtaacatg atgttaactt tgtggtctaa 300  
 agtgttttagc tgtcaagccg gatgcctaag tagaccaaat cttgttattg aagtgttctg 360  
 agctgtatct tgatgttttag aaaagtattc gttacatctt gtagggatct actttttgaa 420  
 ctttttcatt ccctgnaggt gacaantctg catggacctg ccccgggcgg cccttnaaan 480  
 ggcgaanttc annncantgg ngggcnntct tngggnnccn nccctggncca aatntggggg 540  
 ancnggnca anctnttccn tggggaaatg gntccc 576

<210> 567  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<400> 567  
 ttttggcagt aaatcaatth tatttgtgtt cacagaacat actaggcgat ctgcacagtc 60  
 gctccgtgac agcccaccaa cccccaaccc tctacctcgc agccacccta aaggcgactt 120  
 caagaagatg gaaggatctc acggatctca ttcctaattgg tccgcgaag tctcacacag 180  
 tagacagacg gagttgagat gctggaggat gcagtcacct cctaaactta cgaccacca 240  
 ccagacttca tcccagccgg gacgtcctcc cccaccogag tectccccat ttcttctcct 300  
 actttgccgc agttccaggt gtctgtcttc caccagtccc acaaagctca ataaatacca 360  
 agagacctgc atttacagca gggggaacat ctcacaccct tgcataagtt aaaataaata 420  
 ttaccgt 427

<210> 568  
 <211> 616  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (616)  
 <223> n = A,T,C or G

<400> 568  
 acaagagtga tggcaatgtg actggaacag aaatagtttc taccaggcac acaaaagctc 60  
 ctgtaagccc cgtagtcccg tctgcaaag ggctcagtg ggaaccaggt ctgcagaccc 120  
 gagtgggcag agagacgggt ggaagcaggt gccccagatg gtcccgcagg cgtcacccgc 180  
 tggtttggag accttaaggg agttgtgctt caaacttctc tcccagggtc tcaggtggag 240  
 actaggaggt ttgacctaaa ggtcctccaa ggagaggcca aggtcttgga gacagatctg 300  
 gtttaccatc ttttaacaaa aggcacatgt cttctcttct tcagaaagag tcattaacac 360  
 taaaattctt ttctttnngaa gtttcttctt ttccgatgcc atcttccaag tttgnncca 420  
 agaatgaaag gcgtcttttn ccnaagggtc aagggtttcc attcacnttg ggccccattg 480  
 naaaaggggac tggttccttt tggggggttg ggncccgga ccccaana aggnaanggn 540  
 ttttgnccc aagcctttnt tccnggggn ggggaaggna anaaccttg ggcccngna 600  
 acccacctta angggg 616

<210> 569  
 <211> 582



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(582)  
<223> n = A,T,C or G

<400> 569

acagaatata	acgcagcttg	gcaggatgca	tacggccctg	cgcaggggaa	agtatttcaa	60
atcagctggc	aggttcaagc	ctttctgcac	tgtagacttt	ccacactctg	gaaaagaagc	120
aaacaaacaa	accccaaaga	acccccgaaa	aaaacaaaaa	ccatccggga	ggtgcatgag	180
tccaatggga	atgcaaccgt	gatgccgctg	tcctatgccc	agtgacagca	caggtcacgt	240
aagttacagc	aggggagggg	tagctcaagc	tacagaggat	tattgtcata	ttgctaagac	300
agcataaatc	cattcaaaaa	aaaaaaaaaa	aatccaaacc	agggtaagta	aagaaaggaa	360
aaccaaattc	atacagcatt	tacaacaaat	aaatctctag	ccagctgggg	gtaaaaatg	420
catctatgta	tagactatgt	gtagggtaag	aaaagctttt	aatatnggtt	anaaagaggn	480
cctttgatta	aaggccttgg	cccgaacncc	cttaaggnnn	aattcnagnc	nattgggggc	540
cggtcnaagg	ggatccaacn	tgggnccaaa	nttgngaat	nn		582

<210> 570  
<211> 557  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(557)  
<223> n = A,T,C or G

<400> 570

ccgggaggt	acttcttgcc	tttaagatag	gcaccaggaa	atctttcaag	gatctcatag	60
tcactctcca	atcttatagag	ggctgacaat	ctggcttcca	ttaaaatgag	taatcgtcct	120
ctggcaacat	ctttaatttt	cacatattgc	atcttctggat	taacacacac	agcaaggtta	180
ctaggtagag	tccagggagt	ggttgtccaa	gcaactaaag	atacagtttc	atcttcttcc	240
aaagggaaa	ttacaaatac	tgaaggatct	tgaacatcct	tataattctg	gtgtgactcg	300
aagttggaaa	gtggagtgtt	acatgccgta	gagaagggca	tgactttcac	acctctataa	360
acaaggcctt	tatcatagag	ttggttgaag	acccaccaga	ctgattccat	gaattgtgga	420
tacagagttt	tatagtcatt	ggcaaagtna	atncatcggc	aagttgctac	aggagacttc	480
actnannnaa	atctcatcnc	aatnnntgga	ctnatggata	cctnggannc	ccntttngcc	540
caatctgggc	ctngatn					557

<210> 571  
<211> 382  
<212> DNA  
<213> Homo sapiens

<400> 571

acactgctct	cttcctggca	attgacagt	gtaaccctcc	cgctacgggc	actgggactt	60
tgctgataac	cctggaggac	gtgaatgaca	atgccccgtt	catttacccc	acagtagctg	120
aagtctgtga	tgatgccaaa	aacctcagt	tagtcatttt	gggagcatca	gataaggatc	180
ttacccgaa	tacagatcct	ttcaaatttg	aaatccacaa	acaagctgtt	cctgataaag	240
tctggaagat	ctccaagatc	aacaatacac	acgccctggt	aagccttctt	caaaatctga	300

acaaagcaaa ctacaacctg cccatcatgg tgacagattc agggaaacca cccatgacga 360  
 atatcacaga tctcaggga cc 382

<210> 572  
 <211> 621  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(621)  
 <223> n = A,T,C or G

<400> 572  
 acaagctttt tttttttttt tttttttttt tttttttgcc atttattgcc atgtttttaa 60  
 attcgtgcaa aatatntgaa gccctggaca gagaatacaa agtgatattt tcccaagaaa 120  
 cntaaaaacta ggaaaagggg tgggggacat tttcccacca nagctncccc cacgccaggc 180  
 cccaagcagg gtgaggcctn caaccggcc agctgagcag ggaggactaa gagctacaat 240  
 ctggaccang gaaggagggg tgggaatttg aacagngtnt taactaccaa cgagaggaaa 300  
 gccagtcaac tgtacaacct cttgcggagc ggggaagggtg actaccngaa caagacatgc 360  
 tgctgacct gtgcttggg gctgcaaagt gggmntccaa taagtgggtc catgaacgag 420  
 gacaggagtt tttgancctt gnggatcaac aaaangttna ctgacatccn tttctgcctt 480  
 tccctttcct ggnnctttta anccatgtca acnntgacan acnctntng atggtccctt 540  
 tggnagtcct aatnaggctg atttttggan nantnaatnt ttttttgga cncaaggnga 600  
 acnttttttg ngaattttng g 621

<210> 573  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 573  
 ggtactcatt gtgctctttg gtgcctttcc tttcctacag aaaaggaagt gatctatacc 60  
 aaggtttgca ggggaagtcaa atgttctcaa cctttcatgc cctctgggta ctcactctggc 120  
 ttgcaaaata atttgatcc ggacagattt ccagtatttt caagtccgct gctttccgc 180  
 aaagctcggc ctaacctgga gctagttagg tccgcaggcg ccaccgncgg cgcactccgg 240  
 agaagaagct cttctttcag ccgcccagga gagttcctcg agaaagatgc cgccgc 296

<210> 574  
 <211> 616  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(616)  
 <223> n = A,T,C or G

```

<400> 574
gggtactccaa cgccaccctg tgcagaaatg agagaagaca gtgctagagt ctatgaaaac      60
gtgggcctga tgcaacagca gaaaagtttc agatgagaaa acctgccaaa acttcagcac      120
agaaatagat gtggactttc accctctccc taaaaagatc aagaacagac gcaagaaagt      180
ttatgtgaag acagaatttg gatttggaag gcttgcaatg tggttgacta ccttttgata      240
agcaaaaattt gaaaccattt aaagaccact gtattttaac tcaacaatac ctgcttccca      300
attactcatt tcctcagata agaagaaatc atctctacaa tgtagacaac attatatattt      360
ataggaattt gtttgaaatt gaggaagcag ttaaattgtg cgctgtattt tgcagattat      420
ggggattcaa attctagtaa taggcttttt tattttattt ttataccctt aaccagggtta      480
attttttttt ttcttcattg gtnggggatg atgagaagaa atgattnggg aaaattaagt      540
accaacgnac tagaaaagtg agaaccattc tatttccent ntgggtccng gagnggataa      600
ttcatttgan ggcttn

```

```

<210> 575
<211> 614
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

```

```

<400> 575
gggtacaaaca tttttacaaa aagaacatta ccaatatcag tggcagtaag ggcaagctga      60
agaataaata gactgagttt ccgggcaatg tctgtcctca aagacatcca aactgcgttc      120
aggcagctga aacaggcttc tttcccagtg acaagcatat gtggtcagta atacaaacga      180
tggtaaatga ggctactaca taggcccagt taacaaactc ctcttctcct cgggtaggcc      240
atgatacaag tggaactcat caaataattt aaacccaagg cgataacaac gctatttccc      300
atctaaaactc atttaagcct tcacaatgtc gcaatggatt caagttactt gcaaacgac      360
ccgggttgtc atacagatac ttgnntttta cacataacgc tatgccatcc cttncttcac      420
tgcccagtcg ggtttcctgn tgttgaccg aaaggggagc cttttaaaaa tgcttcnttc      480
aagacagaag tgagaaagaa aggagaccct gaggccagan ctattaaaac ttgtgngtcc      540
ccaaaaggaa ggggaaagggn agaattgaaa ggaaacggnt ctttngccca ggatnggaan      600
cgggactacn ttgg

```

```

<210> 576
<211> 596
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

```

```

<400> 576
acatcaagac ttttggaaca gcgatcgtaa tcaatcctga gaaagacaaa gacatgggtcc      60
aagacctgtt ggacttcaag gacaagggtg accacgtgat cgaggtctgc ttccagaaga      120
atgagcgggt cgtcaacctg atgaaggagt cctttgagac gttcatcaac aagagacca      180
acaagcctgc agaactgatc gcaaagcatg tggattcaaa gttaagagca ggcaacaaag      240
aagccacaga cgaggagctg gagcggacgt tggacaagat catgatcctg ttcagggtta      300
tccacggtaa agatgtcttt gaagcatttt ataaaaaaga tttggcaaaa agactccttg      360

```

ttgggaaaag	tgcctcagtc	gatgctgaaa	agtctatggt	gtcaaagctc	aagcatgagt	420
gcggtgcagc	cttcaccagc	aagctggaag	gntgttcaag	gacatggagc	tttcaangac	480
atcatgggtca	tttcaagcca	gcntatgcag	natcngagtg	cttcaggcct	atagacctac	540
agggacatct	nccatggctt	ctngccacat	aacnccatgg	aangccttac	cccaaa	596

<210> 577  
 <211> 617  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(617)  
 <223> n = A,T,C or G

<400> 577	
ggtaccacaa	ctcccaggat
gtatattggt	ctgagagacg
ccagtatttt	tccatgagag
atttgatctg	ctgattggca
atttgaccct	acactggctc
agaaggcatg	tatattgctg
ttgttgaagt	caatcctcag
tggcagtaga	tgtgattgct
ctatgaccaa	ctttctactc
aaattaggag	acacttngcc
ttaggggaaa	aaataaa

<210> 578  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 578	
ggtacatgca	gaattgtcaa
tgtaacgaat	acttttctaa
ggtctactta	ggcatccggc
ttacatacgt	cttacagtgc
aaaaagcatt	actagctctg
aaatcttatc	ttccccttaa
aataaagaaa	aacatccttg

<210> 579  
 <211> 619  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(619)  
 <223> n = A,T,C or G

<400> 579

ggtactat	ttt	tatatccaga	aagtcttctc	tatgtagaga	agtcagagag	actagatgct	60
ttcactagg	g	aatgtcttcc	cacccagcca	tcacaaatgt	ggacaatcac	tgcattccaca	120
tctgtaggca		tatttctatg	gaagtttaat	tgacagctat	attcattatt	tattttacaa	180
tttcattttt		ctacaccttt	gagatttatg	aatgcagttt	tttcttaaaa	tttatttttaa	240
cttgacagta		tgttttttagt	tcccccaatt	taattaatgg	accatgtgca	tatatatggg	300
agtgtgctta		catgttaata	atttacttgc	atacttatga	gaatttcaca	ttggaattca	360
taatggtaaa		acaacataca	tctgccaata	tacgtttttt	ctgntgggtt	aagagaagat	420
aactgacagc		tttacctact	tcctacagat	gcattctaaac	ccagatttac	tgagaagaag	480
tgtattggac		tctgagtggg	aaaagagtat	gggtgttttt	gggttttaagn	tctgctctag	540
anccataatt		ngnaaaaaat	tttaggnctt	aanctggtn	cctaaaattg	gnnanccaaa	600
ngttnaatga		aanggctgc					619

&lt;210&gt; 580

&lt;211&gt; 632

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(632)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 580

ggtacaaaca	ttttacaaaa	aagaacatta	ccaatatcag	tggtagtaag	ggcaagctga	60
agaataaata	gactgagttt	ccgggcaatg	tctgtcctca	aagacatcca	aactgcgttc	120
aggcagctga	aacaggcttc	tttcccagtg	acaagcatat	gtggtcagta	atacaaacga	180
tggtaaatga	ggctactaca	taggcccagt	taacaaactc	ctcttctcct	cggttaggcc	240
atgatacaag	tggaactcat	ataacaacgc	tatttcccat	ctaaactcat	ttaagccttc	300
acaatgtcgc	aatggattca	gttacttgca	aacgatcccg	ggttgtcata	cagatacttg	360
ntttttacac	ataacgctgt	gccatccctt	ccttcactgn	cccagtcagg	tttctgttg	420
gtggaccgaa	aggggatcat	tttaagaaat	gcttccttna	agacagaaaag	tgagaaagaa	480
aaggagaccc	ttgaggnacg	gaactaatta	aacctgggtg	gggtgccccaa	aaggggaagg	540
ggaaaggccg	gaanttgnaa	nggataaccg	nttcntttng	cccagggant	cnggaaccgt	600
ggctcgcttt	gggcttggac	anncccaa	at			632

&lt;210&gt; 581

&lt;211&gt; 607

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(607)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 581

acataagtga	tggagtatca	atgctgggtg	ttgaggtgga	gaaggaattt	agttccttga	60
attttctttg	ttctcctctg	tgttccttct	tggccaggta	acccctgcta	tatcataaga	120
tttcactctgc	gagaaaagga	ggaattcttc	tacagctccc	ctgctcaact	ttcaggagat	180
tttgaccat	gtgctgttaa	tcaccgaaat	tttttaagga	ggcttctcct	ggcatgaaag	240
agttggtatt	gtgtcccgaa	ttggttggtt	cttggcttca	ctgacttcaa	aaatgaagcc	300
gcggaccctc	gcggtgagtg	ttaacagctc	tttaaggtggc	acgtctggag	tttgttcctt	360
ctgatgttcc	ggatgtgttc	agagtttctt	ccttctggta	ggttcctggc	ctcgttggc	420

ttcaggaatg	aagctgcaga	ccttctcggg	nagtgnatca	agctcttaan	gcaggccgctc	480
tggaagttgt	tcgttctctc	tggggctcgt	ggctcttgctg	gctttaggag	tcaagtncaa	540
accttnaggg	tgagtgtaca	ntcatanaag	cagtgtngnc	ccaanaatna	ncnttnaaaa	600
gccaacn						607

<210> 582  
 <211> 603  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(603)  
 <223> n = A,T,C or G

<400> 582						
actgtattct	ccatatgtag	ctcggatgcg	gagggctgtg	agattccgca	gtaaccttcg	60
atactcaaag	taactcagct	gggggctcca	attattgctt	ggatgctcat	ttaacctgaa	120
tgtgtaagtc	ttggtgagcc	cacaaggcag	tgtcttgcca	agtggcatca	agggagctgt	180
gatccgtaga	ccagcacctt	ccagaatcac	atcatgggca	gatgggtgtc	tgccctctct	240
gtccacacgg	tagtcaaagg	acaggctttg	accatagctc	acctgttgat	tcccaagaaa	300
tttggcagga	gccacaaaat	agacagggtc	tagtcgttgg	gctgagctaa	acacatcttg	360
atgggcgctg	tgaccattgg	agctttgcag	gagaccatt	tcgttggaca	gccttccagc	420
catcaacatc	ttgatgaaag	gtanaagtga	tcttatggac	actgnattct	gcanaactgc	480
ggcaacttgg	ctgaatgcca	tagcagaacc	ctgggtacct	tnggccggaa	cacgcttang	540
gcgaattcag	cccacttggg	gccgtctann	ggnanccact	ttgggcccnn	cttgggggaan	600
ant						603

<210> 583  
 <211> 535  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(535)  
 <223> n = A,T,C or G

<400> 583						
ggtacacaca	ggaccgcctg	gggctaaagg	aaatggacaa	tgaggacag	ctagtgtttc	60
tggtacaga	aggggaccat	cttcagttgt	ctgaagaatg	gttttatgcc	cacatcatac	120
cattccttgg	atgaaacccg	tatagtccac	aatagagctc	agggagcccc	taactcttcc	180
aaaccacatg	ggagacagtt	tccttcatgc	ccaagcctga	gctcagatcc	agcttgcaac	240
taatecttct	atcatctaac	atgccctact	tggaagatc	taagatctga	atcttatcct	300
ttgccatctt	ctgttaccat	atggtgttga	atgcaagttt	aattaccatg	gagattgttt	360
tacaaacttt	tgatgtggtc	aagttcagtt	ttagaaaagg	gagtctgttc	cagatcaagg	420
gccagaactg	tgcccaggcc	caaaggagac	actaactaaa	gtagtgagat	agattctaan	480
ggcaaacatt	ttccaggctt	gccatatttc	aagcaanaag	ggccnaagcc	tgagg	535

<210> 584  
 <211> 524  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(524)  
 <223> n = A,T,C or G

<400> 584  
 acaactctct taaaagagta tggataacta tattttctgg attctggagg ttgataacca 60  
 tatgcactta acattatatt ctataaacat taagtagtgc cagttatgag attcccagtt 120  
 ettactaaat tgtattagca ggagctggta attacttgta ttatcacatg taactaataa 180  
 tttgaactat acttgaagga ccgtgttgat gtcagggtatt tacagtgggt ggaagatagc 240  
 agtattatta gcataagctg catcacgtaat attcagtaac tgccatatta tataacaaat 300  
 ttacattcgc aaattcagta tcctgttaaa gtgtcatatt cttgtaatct gcattctcca 360  
 ggagttttat gtgtttaata gatgaattta ttttatttnt aaaggatttc aaatgnnttc 420  
 agccnctat aggagaaata cccaagtata ttctagtccc ttnatgtccc tgnaccctcg 480  
 gccngnacca cgttaaaggc cgaaatncaa ncnactgggn nggn 524

<210> 585  
 <211> 618  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(618)  
 <223> n = A,T,C or G

<400> 585  
 actgactata atcaaactcc gaataccatt aaaattaagc tatgcagtcg gaacgtgggt 60  
 gataacgtcc acgctcgcga ggggaacaac ccagatcgtc agctaaggtc ccaaaattgt 120  
 gttaagttag aaaggttgtg agatttcata aacaactagg aagttggctt agaagcagcc 180  
 accttttaaa gagtgcgtaa ttgctcacta gtcaagagat cttgcgccaa taatgtaacg 240  
 ggactcaaac acaataccga agctacgggc acattatgtg cgttaggaga gcgttttaat 300  
 ttcgttgaag tcagaccgtg aggactgggt gagagattaa aagtgagaat gccggcatga 360  
 gtaacgattc gaagtgaagaa tcttcgacgc ctattgggaa aggtttcctg ggcaagggtc 420  
 gtccaccag gggttagtca gggcctanga tgaggcanaa atgcatagtc gatggacaca 480  
 ggtaaatatt cctgtacctt cggncngaa cagcctaagg gccgaattnc agcacacttg 540  
 gcgggnggtc ctagtnggat cccanctntg ganccaactt nggggtaatc ntgggcttan 600  
 ctggttccct ggtgaaat 618

<210> 586  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 586  
 acaagctttt tttttttttt tttttttttt tgtttcaagt tttaatcaaa gcttgtatat 60  
 aagattactt tattcctgca tcttctcaat ggtttcttcc ttgtatttgc ccttttccct 120  
 tcctacttgg cgagatttgg ctttccgttc gaggatcttt ttgcgggtctt tgtccagttt 180  
 tagcctagtg ataaccacct tgctgggggtg aatgcctacg tggacagttg tgccattagc 240  
 cttttccgc tgcaccggtt caatgtagat aacatatttc ttctgtataa cctgggactac 300  
 tttgccaatt tgctgacctt tatagtgtcc acgtacc 337

<210> 587  
 <211> 656  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(656)  
 <223> n = A,T,C or G

<400> 587

cgaggtacaa	gctttttttt	tttttttttt	ttttttttct	gaggagtggc	atggagtctt	60
ttaatttga	aggcaaaagg	ttacatttaa	tgaaaggcag	aggctggatt	aataaatggt	120
tggtanaaa	ttgttctgac	acacagtga	ctctgggctt	ttctcctgca	taaaaagcag	180
agctagcagt	aagtgcacaa	ntgaagaaaa	tccatgtgtc	caataagctg	ccatctccan	240
aactcttatt	caggaaattc	aaagagtga	cattctttta	gtctcctact	cctcaattaa	300
gtaaatgaga	atgattcagc	caacaaagtt	catgacaaca	aggtgcagga	tggtgctggc	360
aaanagaaaa	tnagcaaaagg	ctcgctctgg	ggagatgcct	tggaaatccn	ntttgntctg	420
nggggtgatc	tnattcttct	agggnaaacc	cgctagggat	gaaacttccc	accnaagan	480
aatgaaaccc	cgaaagaaaa	agangtttaa	aggggaaagg	nccccngan	ggagaccagt	540
taccggaact	tggaacnncc	ccggcaagca	attttttcnc	ggcagggtnc	cctggcccng	600
ggcggccntt	tnaaaagggg	gcaattacca	ngncacttgg	gggggcgttt	tttnng	656

<210> 588  
 <211> 586  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(586)  
 <223> n = A,T,C or G

<400> 588

actcaaacac	agggggggtg	tcatttatgt	caagaactga	tacaatcaca	gtgccagtgg	60
cagtcagcct	ccttggcaag	ccttgatcca	cagctttcaa	agagaggggtg	tatactgcct	120
ggagtctctt	gtccaaaggt	ttttctaact	gaataattcc	agataattcg	ttaatggaga	180
actgcccatt	agcagagtca	atcagtga	ataaaatctt	ccgattta	cctgcgtcgg	240
catctgtggc	ctgcactctt	gtcagcagcg	ttcccggtc	tgtgttttca	aacacgggtga	300
tggcataagg	atcggcagag	aattcggggg	cattatcggt	cacgtcttct	agcgtgagca	360
caatactggc	ttggtagaat	cttcctcctc	catctgtggc	cctgacgaga	agatgataaa	420
cagcttgctc	ctnacgatca	aaggggggtt	gacgttttca	agtcacctgg	nctggattaa	480
tttgaatttt	ctgcacctga	cccaatacgg	taagtattca	gcgtaaccgg	atgttgcggt	540
gacanaaact	gatgacattt	tccgaaggac	tnntagga	aggtga		586

<210> 589  
 <211> 645  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(645)



&lt;223&gt; n = A,T,C or G

&lt;400&gt; 589

acaagcagta	ttagaaaaatc	tttttggcaa	gggagagaaa	taaatacaaa	tggaatgcta	60
cattttttaa	ttagcaaaact	gtctcaggaa	tgataaagg	atcagtaaag	tagcaagggg	120
ataactttta	aacattat	gtctggggct	caaaaaacac	tcaaaacaat	ttattttaag	180
gttgacacaag	agctatgtcc	aggcatttac	gcttatggga	agtaaaatta	aaagaggata	240
cttttttccc	aaggagaatt	tctttaaaac	caagcacatt	gctaaatagc	aacattatac	300
tcggtaaaca	ataattggca	acaaaataag	tttaatat	tgcccaaacc	agtcacagat	360
actgtttaat	aaccaagata	caaactaatt	ttgttgnac	aagcctagac	caattttatc	420
aaacatgtcc	ttgggttagat	atccaatttc	atttaacgtt	tttgnagct	canttgacag	480
ccagtcnagt	ccttnatacn	gacccagttc	cntgggggtg	gcacaaagt	ggnttggacc	540
ataccacca	ttcaaaaagg	cgcattntng	ttcttggccc	aaaaaatccn	ggnaaaaaaa	600
aggganggga	aattattnaa	gggncccttg	ggnggnaatg	ggcnc		645

&lt;210&gt; 590

&lt;211&gt; 464

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 590

ggttcttgac	gaggctgcgg	tgtctgctgc	tattctccga	gcttcgcaat	gccgcctaag	60
gacgacaaga	agaagaagga	cgctggaaa	tcggccaaga	aagacaaaga	cccagtgaac	120
aaatccgggg	gcaaggccaa	aaagaagaag	tggtccaaag	gcaaagtctg	ggacaagctc	180
aataacttag	tcttgtttga	caaagctacc	tatgataaac	tctgtaagga	agttcccaac	240
tataaactta	taaccccagc	tgtggtctct	gagagactga	agattcgagg	ctccctggcc	300
agggcagccc	ttcaggagct	ccttagtaaa	ggacttatca	aactgggttc	aaagcacaga	360
gctcaagtaa	tttacaccag	aaataccaag	ggtggagatg	ctccagctgc	tggtgaagat	420
gcatgaatag	gtccaccagc	ttgtacctgc	cgggcggccg	ttcg		464

&lt;210&gt; 591

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(387)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 591

ggaagacgga	ggctcctctt	ccttgccctaa	cgcagccatg	gctcgtgggtc	ccaagaagca	60
tctgaagcgg	gtggcagctc	caaagcattg	gatgctggat	aaattgaccg	gtgtgtttgc	120
tcctcgtcca	tcacccgggtc	cccacaagtt	gagagagtgt	ctccccctca	tcattttcct	180
gaggaacaga	cttaagtatg	ccctgacagg	agatgaagta	aagaagattt	gcattgcagcg	240
gttcattaaa	atcgatggca	aggtccgaac	tgatataacc	taccctgctg	gattcatgga	300
tgtcatcagc	attgacaaga	cgggagagaa	tttccgtctg	atctatgaca	ccaagggctg	360
ctttgctgta	cctnggccgc	gacacgc				387

&lt;210&gt; 592

&lt;211&gt; 648

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(648)  
 <223> n = A,T,C or G

<400> 592

ggtacaaaaca	ttttacaaaa	aagaacatta	ccaatatcag	tggtagtaag	ggcaagctga	60
agaataaata	gactgagttt	ccgggcaatg	tctgtcctca	aagacatcca	aactgcggtc	120
aggcagctga	aacaggcttc	tttcccagtg	acaagcatat	gtggtcagta	atacaaacga	180
tggtaaatga	ggctactaca	taggccagtg	taacaaaactc	ctcttctcct	cgggtaggcc	240
atgatacaag	tggaactcat	caaataatth	aaacccaagg	cgataacaac	gctattttccc	300
atctaaactc	atttaagcct	tcacaatgtc	gcaatggatt	cagttacttg	caaacgatcc	360
cgggttgtca	tacagatact	tgntttttac	acataacgct	gtgccatccc	ttccttcaact	420
gncccagtca	ggtttcctgt	tgntgggaccg	aaagggggata	cattttanga	aaatgctttc	480
ttcaagacag	aatgagaaa	gaaanggaga	accctgagggc	caggaatcta	ttaaaccctg	540
ggggtngnnc	nccaaaagg	aagggggnaa	aggccnggaa	tttgaaaagg	ntaaaaccgn	600
ttccttttgn	gncccaggga	attagggaaa	ccttgactna	cntttggg		648

<210> 593  
 <211> 625  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(625)  
 <223> n = A,T,C or G

<400> 593

ggtacttaaa	atcagagtca	aaaaatgggt	ttaagtttta	atactcttaa	ttagctccct	60
gctttatact	gtaactccac	agaagacata	gggccaccta	ggattcacag	gaaggagcag	120
ctctgattct	tacatggctg	gctccgatgc	ccccacagca	ggcctcttcc	tccccaagtt	180
tttctctctc	atttcaaaaa	agcactatth	tatcttcaca	tccaagagct	ggttggtttg	240
gtttgtttct	ttggaaacca	ataaaagaag	caatthttttc	ctgttctttt	tactcacatc	300
tacctatcag	agcggctatt	tccttcgaca	gttcagtagc	acacaggctg	acttgccac	360
atggactcat	gaatgcatgc	attcagaccg	catattgcta	ccaaatggga	atgtgggaat	420
atgctatgca	cctcaggttg	agaaatgacc	aagaaaatca	agatctaaag	gggtgatata	480
taatatafat	atataatcaat	gctattattc	ataaaaacct	tggttagtaa	taaaaaaaat	540
tgctttgggt	naaatattga	atattataag	ctggcttctc	atgggttgga	aaaaataagt	600
ctttntgnaa	aagccggggc	ctttt				625

<210> 594  
 <211> 586  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(586)  
 <223> n = A,T,C or G

<400> 594

ggtaccacaga	caaaaccccg	ccacgtgtaa	gtcagatgct	gattttgact	ccatttcaag	60
gtcaaggcca	tggtgctcaa	cttcttgaaa	cagttcatag	atactacact	gaatttccta	120
cagttcttga	tattacagcg	gaagatccat	ccaaaagcta	tgtgaaatta	cgagactttg	180
tgcttgtgaa	gctttgtcaa	gatttgcctt	gtttttcccg	ggaaaaatta	atgcaaggat	240
tcaatgaaga	tatggcgata	gaggcacaac	agaagttaa	aataaataag	caacacgcta	300
gaagggttta	tgaaattctt	cgactactgg	taactgacat	gagtgatgcc	gaacaatata	360
gaagctacag	actggatatt	aaaagaagac	taattagccc	atataagaaa	aagcagagag	420
atcttgctaa	gatgagaaaa	tgtctcagac	cagaagaact	gacaaaccag	atgaacaaaa	480
tagaaataag	catgcaacat	gaacagcttg	gaananaagt	tttcanggnc	tagtggaaga	540
ataccccgcc	gtgggtattga	acnacttgct	caagagttaa	gaattt		586

<210> 595  
 <211> 613  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(613)  
 <223> n = A,T,C or G

acagaagggt	gacgaaaatt	cttactgagc	aagaaataac	cttggtgtaa	ttactaaaat	60
ttgagaaatg	tgattcttga	ctggaaaaat	agatgtgtcg	tggaggccga	atgtttgcac	120
caacccaaaac	ctggcgccgt	tggcatcgta	gagtgaacac	aaacccaaaaa	cgatacgcca	180
tctgttctgc	cctggctgcc	tcagccctac	cagcactgggt	catgtctaaa	ggtcatcgta	240
ttgaggaagt	tcctgaactt	cctttggtag	ttgaagataa	agttgaaggc	tacaagaaga	300
ccaaggaagc	tgttttgctc	cttaagaaac	ttaaagcctg	gaatgatata	aaaaaggtct	360
atgcctctca	gcgaatgaga	gctggcaaaag	gcanaatgag	aaaccgtcgc	cgtatccagc	420
gcagggggccc	gtgctcatct	ataatgagga	tnaatgggtat	catcaaggcc	tttagaaaca	480
tcctggaaat	acctctgctt	aatggtaagc	caagcttgac	cattttgaan	ncctgttctg	540
gtgggccttt	tgggacgttc	tggatttgga	cttgaaaggc	ttttccggaa	ttnnatgaaa	600
tgncnncgg	ccc					613

<210> 596  
 <211> 616  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(616)  
 <223> n = A,T,C or G

gcgtgggtcg	cggccgaggt	acaagaacac	tccttgggcg	tccttgctgt	tttgtttgtg	60
aagttttcta	tgcccagtgt	tcctgacttc	gaaacgctat	tctcacaggt	tcagctcttc	120
atcagcactt	gtaatgggga	gcacattcga	tatgcaacag	acacttttgc	tgggctttgc	180
catcagctaa	caaatgcact	tgtggaaaaga	aaacagcccc	tgcgagggaat	tggcatcctt	240
aagcaagcca	tagacaagat	gcagatgaat	acaaaccagc	tgacctcaat	acatgctgat	300
ctctgccagc	tttgtttgct	agcaaaatgc	tttaagcctg	ccttccatat	cttgacgtgg	360
atatgatgga	tatctgtaaa	gagaatggag	cctatgatgc	aaaacacttt	ttatgntact	420
attattatgg	agggatgatt	atactgggct	gaaagaactt	tgaaagactc	tctactttta	480

tgaacaggct	atactacttc	tgcattggcg	cagtcataatc	atgtgggaac	attttaaagn	540
ntatttanng	gcttgaatac	ctggcaaaga	cctgnccggc	gccgttcaaa	ggggaattca	600
ccacttgng	gcgtnt					616

<210> 597  
 <211> 631  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(631)  
 <223> n = A,T,C or G

<400> 597						
accagatggc	ttttcagaca	gaggttggaa	accatccac	ttttgaggat	atgcagggttc	60
tcgtgtctag	ggaaaaacag	agacccaagt	tcccagaagc	ctggaaagaa	aatagcctgg	120
cagtggagtc	actcaaggag	acaatcgaag	actgttggga	ccaggatgca	gaggctcggc	180
ttactgcaca	gtgtgctgag	gaaaggatgg	ctgaacttat	gatgatttgg	gaaagaaaca	240
aatctgtgag	cccaacagtc	aatccaatgt	ctactgctat	gcagaatgaa	cgcaacctgt	300
cacataatag	gcgtgtgcca	aaaattggtc	cttatccaga	ttattcttcc	tcctcatata	360
ttgaagactc	tatccatcat	actgacagca	tcgtgaagaa	tatttcctct	gagcattcta	420
tgtccagcac	acctttgact	atagggggaa	aaaaaccgga	aattcaatta	ctatgaaccg	480
acagcaaggc	acaaagctcg	aatncccaag	cccttgaaac	aagtggtaac	cagcttttca	540
ccacancacc	aaccnncaaa	cnccccaggg	anttacgccc	aaggtacctt	nggccgggaa	600
cccncttang	gggnaattcn	cgnccttgg	g			631

<210> 598  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

<400> 598						
cgaggtgctt	cgtcttcggt	ttttctcttc	cttcgctaac	gcctcccggc	tctcgtcagc	60
ctcccgccgg	ccgtctcctt	aacaccgaac	accatgcctt	caattaagtt	gcagagtctt	120
gatggagaga	tatttgaagt	tgatgtggaa	attgccaaac	aatctgtgac	tattaagacc	180
atgttggaag	atttgggaat	ggatgatgaa	ggagatgatg	accagttcc	tcctcctcct	240
cctcctgaag	atgatgagaa	caaagaaaag	cgaacagatg	atatccctgt	ttgggaccaa	300
gaattcctga	aagttgacca	aggaacactt	tttgaaactca	ttctggctgc	aaactactta	360
gacatcaaag	gtttgcttga	tgttacatgc	aagactgttg	ccaatatgat	caaggggaaa	420
actcctgagg	agattcgcaa	gaccttcaat	atcaaaaatg	actttccctc	tttttttgta	480
agcaatggct	ggctaagtta	atgggccagg	taacntttag	tgacctttta	aaaagtgttg	540
ccattggnaa	atnaaaccac	ttgcaaaaaa	gtttnttggg	atagaatttc	cnaatatattt	600
cctttttcat	gagtgggaac	tggnnaaagg				630

<210> 599  
 <211> 359  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 599

ggtacctacc	tcaggagcag	agatttgata	ttcgagtgtc	gggcttaggt	ctgctgataa	60
atctagtggg	gtatagtgtc	cggaatcggc	actgtcttgt	caacatggaa	acatcgtgtc	120
cttttgattc	ttccatctgt	agtggagaag	gggatgatag	tttaaggata	ggtggacaag	180
ttcatgctgt	ccaggcttta	gtgcagctat	tccttgagcg	agagcgggca	gcccagctag	240
cagaaagtaa	aacagatgag	ttgatcaaag	atgctcccac	cactcagcat	gataagagtg	300
gagagtggca	agaaacaagt	ggagaaatac	agtgggtgtc	aactgaaaag	actgatggt	359

&lt;210&gt; 600

&lt;211&gt; 589

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(589)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 600

accaggggac	acaaacactg	tggagggtc	cagggacctc	tgcctaggaa	agccagggtat	60
tgtccaaggt	ttctcccat	gtgacagtct	gaaatatggc	ctcgtaggaa	gggaaagacc	120
tgaccgtccc	ccagcccgac	acccataaag	ggtctttgct	gaggaggatt	agtaaaagag	180
gaaggcctct	ttgcagttga	gataagagga	aggcatctgt	ctcctgctcg	tccttgggca	240
atggaatgtc	tcggtttaaa	acccgattgt	atattctatc	tactgagata	ggagaaaact	300
gccttagggc	tggagatgag	acatgctggt	ggcaatactg	ctctttaatg	cattgagatg	360
tttatgtatg	tgcacaaaaa	agcacagcgc	ctttttcttt	acctcgttta	tgatgcagag	420
acatttggtc	acatgttttc	ctgctgactc	tctcccacta	ttaccctatt	gcctgccaca	480
tctccttttc	gaaanggtag	agataatgat	caataaatac	tgagggactn	aganactggg	540
ccgcgtaagt	cctaatatct	gaacgccagt	ccctggccca	ntttttnt		589

&lt;210&gt; 601

&lt;211&gt; 240

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 601

acatctgaaa	taccccccaa	accagaaaag	cttttcaaca	gctagggtgt	ccaagaactt	60
ggaaaattca	ccttctgatg	tcctccaaga	cagattccat	tttttataca	ccttatttgc	120
tcagacctgt	aacttcagcc	tggagtgaac	acagacacct	agttttcttc	aaactcctct	180
tgggcttttag	agagaaggtg	ctggcccttt	gagccaagca	ggttattggt	tagtagtacc	240

&lt;210&gt; 602

&lt;211&gt; 621

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(621)

&lt;223&gt; n = A,T,C or G

```

<400> 602
ggtacctttt acatacaaga aattaaatga gagaaaaaat aactgtagtt acaccatata 60
acttacaaga atggagaatc tgcttataag tcaaaactaga attagaactt atttcttaga 120
ctgcttcata aaaactaaca taccactact ttttaattat ttattttatt gctaaagaac 180
aaaaatttaa gtatgaaaaa caaccaactg attcacccaa ctcagtaagt ttgactcacg 240
ttttctgggt caacaccaat gtcttcacaa aatttctcca tgcttcagg gcctacaaca 300
tcatcagttc ctgcatatcc atagaaccat tccaagcacc ttttacttga aaaggcttct 360
tcttcagtct ttattctagt cgaatcatat tttctataca tgctatcatg tctacttttc 420
ttggcagata aatcatctcc agaagcaggt cttctctttt tccttgggtg catcacttta 480
ttaagcagt ctgaagaact gnaagaaccg agacttcttg gtttggcgac gncttggncn 540
nggctctggg anggtcaanc ttattaangg ngngggaaaa ccttntgaan atttgcccn 600
gttganagat gaaaagtcnn g 621

```

<210> 603

<211> 655

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(655)

<223> n = A,T,C or G

```

<400> 603
acttataatt ggcagtgagg gaaggggaaca tacgctggcc tggaaaacttg cacagtctca 60
tcatgtcaaa caagtgttgg ttgccccagg aaacgcaggc actgcctgct ctgaaaagat 120
ttcaaatacc gccatctcaa tcagtgacca cactgccctt gctcaattct gcaaagagaa 180
gaaaattgaa tttgtagttg ttggaccaga agcacctctg gctgctggga ttgttgggaa 240
cctgaggtct gcaggagtgc aatgcttttg cccaacagca gaagcggctc agttagagtc 300
cagcaaaaagg tttgccaaaag agtttatgga cagacatgga atcccaaccg cacaatggaa 360
ggctttcacc aaacctgaag aagcctgcag cttcattttg agtgcagact tccctgcttt 420
ggttgtgaaa gggcancggg cttgcaactt ggnaaaaggg tgaatgggtg ccaaagaagc 480
caaagaaana aggnccctgca aagcntgtan cctttggggc gggaaccacg ctttaangggc 540
cnaaattcca agnacaactt ggccggggccc gttacctaata ngggatccca actttngggg 600
acccaaaacn ttngggngna aatcatnggg ncnaaaantt tggtttccct gngng 655

```

<210> 604

<211> 490

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(490)

<223> n = A,T,C or G

```

<400> 604
acaacacacg aattccactc taaacttgaa cgcaaagcta tggtcctctc tgccctcatgg 60
cagtggggcca cagcatcctt caatctttta gttgagcgat acaactccac tagccggatg 120
ttcacatgga cgtcatcagg tcttacataa agttctgact gaatcaagtc aaaaagttaa 180
ttccatccat cttcaccttc acaatctaga agctgttcc ttagtttata aattgcagga 240
cttcctggga aaagttttgc tgctctttcg acccagtatt ttgctcttcc atcaggtaac 300
atcattttta caaagcaatt ctgcaatctt caacacaaga tcttttgtgt tgggtttaat 360

```

tccactgaac	gcctgtaaca	ttnaacggnt	ttctctgtgt	tttcttccat	tcataaagan	420
gacccagaaa	tctgtgagct	ttgggatccc	tctctcgac	attaaatgta	agtacctnng	480
gncgcgacca						490

<210> 605  
 <211> 612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

<400> 605						
acagaaggtt	gacgaaaatt	cttactgagc	aagaaataac	cttggtgtaa	ttactaaaat	60
ttgagaaatg	tgattcttga	ctggaaaaat	agatgtgtcg	tggaggccga	atgtttgcac	120
caaccaaacc	ctggcgccgt	tggcatcgta	gagtgaacac	aacccaaaaa	cgatacgcca	180
tctgttctgc	cctggctgcc	tcagccctac	cagcactggt	catgtctaaa	ggcatcgta	240
ttgaggaagt	tcctgaactt	cctttggtag	ttgaagataa	agttgaaggc	tacaagaaga	300
ccaaggaagc	tgttttgctc	cttaagaaac	ttaaagcctg	gaatgatatc	aaaaaggtct	360
atgcctctca	gcgaatgaga	gctggcaaag	gcaaaatgag	aaaccctctg	ccgtatccag	420
ccgcaggggc	ccgtgcatca	tctataatga	ggataatggg	tatcatcaag	gccttcagaa	480
acatccctgg	aattactctg	cttaatgnaa	gcaagctgac	atTTTTgaac	cctgcttctg	540
ggnggcctgt	nggactttct	gcatttgagc	tgaaantgct	tttcggaagt	ttantaantg	600
gacctnngcc	cc					612

<210> 606  
 <211> 577  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(577)  
 <223> n = A,T,C or G

<400> 606						
gacttttgagg	caagtgtggg	ccactgtggt	ggcagtggag	gtgggggtgtt	tgggaggctg	60
cgtgccagtc	aagaagaaaa	aggtttgcac	tctcacattg	ccaggatgat	aagttccttt	120
ccttttcttt	aaagaagtgt	aagtttagga	atcctttggt	gccaactggg	gtttgaaagt	180
agggacctca	gaggtttacc	tagagaacag	gtgggtttta	agggttatct	tagatgtttc	240
acaccggaag	gtttttaaac	actaaaatat	ataatttata	gttaaggcta	aaaagtatat	300
ttattgcaga	ggatgttcat	aaggccagta	tgatttataa	atgcaatctc	cccttgattt	360
aaacacacag	atacacacac	acacacacac	acacacacac	aaaccttctg	cctttgatgt	420
tacagattta	atacagttta	tttttaaaga	tagaatcctt	ttataggtga	gaaaaaaaca	480
atctgggaag	aaaaaaccac	acaagacatt	gatcagcctg	ttngcgtttc	canangtctt	540
tgattggcag	catggttnca	aggaaantag	gtacctc			577

<210> 607  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

```

<400> 607
gggtaccaggc cgctcaccac agtccgtggt tcagcttccc ccacgtcaat cttctctaca      60
tacaggctgt ctgcatctgg gtgcttctcc acagtgatga ttttccccac acggatatcc      120
agccgggatg ggatgacctc ctctggttct gaattcttgg cagggccttt ggccattggc      180
ttctgctttg agggatctgg gtaggcagcg ctggccagtt ttttcagggc aggggtatta      240
aacttttccc ggattggatc cagcaacttg ttcagtgcga cttcaacaga attcttcagg      300
tctccaggat gt                                     312

```

```

<210> 608
<211> 614
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

```

```

<400> 608
gggtgcaactt ccttcgggtcg tcccgaatcc gggttcatcc gacaccagcc gcctccacca      60
tgccgccgaa gttcgacccc aacgagatca aagtcgtata cctgaggtgc accggagggtg      120
aagtcgggtgc cacttctgcc ctggccccc aagtcgggtgc cctgggtctg tctccaaaaa      180
aagttgggtga tgacattgcc aaggcaacgg gtgactggag gggcctgagg attacagtga      240
aactgaccat tcagaacaga caggcccaga ttgaggtggt gccttctgcc tctgccctga      300
tcatcaaagc cctcaaggaa ccaccaagag acaaagaaac agaaaaacat taaacacagt      360
jggaatatca cttttgatga gattgtcaac attgctcgac agatgccggc accgatcctt      420
agccagagaa ctctctggaa ccattaaaga gatctgggga ctgcccagtc agtgggctgn      480
aatgggtgatg gcccgcattc ttatgacttc atcgatgaca tcaacagtgg tgctgtggaa      540
tgcagaccgg ttaanccnaa ggaaacttta atnanggtca ttgactgggn aaaaaaaaaa      600
nnaananaaa ggnt                                     614

```

```

<210> 609
<211> 609
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

```

```

<400> 609
gggtactgagc acccctgttg tcaagaaagt gggagtaaca tctgtaggag gttctttaac      60
tggtggggcca aatatataaa caactctgtt aacgttgtga cacatgcgag gtataagcct      120
agccagaaaa ataagtgatt cccagtcagg ttcactttta ctggagattc cacacacgta      180
attgtaggaa cgacagtcac cctgcacacc tacagtttta attggcagca agaaggcatt      240
cagtgaatgc agactggtaa ttgcatcag cttctcctga tcctcttctg ttgtgcaggc      300
tttgactctc tgtaataggg tatgtggctt tttaacactt gcagaaaaat cagctactat      360
tttcaaaaata ttgttggttt caggaaagtc cttacaaata taaggttctt cagcacatat      420
tactctgatt gccaggccag gacctggaaa tggatgcctg gaaactaact cttctggaag      480
tccaagttct cttggccaaa attctcactt catctttatg aaaatctttc agagggtctat      540
acttttctct ctttttaact ttctgaatga ctcttgggna tttggaangg tttgatgagt      600

```



tcactttnc

609

<210> 610  
 <211> 254  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(254)  
 <223> n = A,T,C or G

<400> 610  
 accattggtg gccaatgat ttgatggtaa gggagggatc gttgacctcg tctgttatgt 60  
 aaaggatgcg tagggatggg agggccgatg aggactagga tgatggcggg caggatagtt 120  
 cagacggttt ctatttcctg agcgtctgag atgttagtat tagttagttt tgttgtgagt 180  
 gttaggaaaa gggcatacag gactaggaag cagataagga aaatgattat gagggcgtga 240  
 tcatgaaaga cctn 254

<210> 611  
 <211> 687  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(687)  
 <223> n = A,T,C or G

<400> 611  
 ggtacaagga tgccatccat ttctataaca agtctctggc agagcaccga accccagatg 60  
 tgctcaagaa atgccagcag gcagagaaaa tcctgaagga gcaagagcgg ctggcctaca 120  
 taaaccccga cctggctttg gaggagaaga acaaaggcaa cgagtgtttt cagaaagggg 180  
 actatcccca ggccatgaag cattatacag aagccatcaa aaggaacccg aaagatgcca 240  
 aattatacag caatcgagct gcctgctaca ccaaactcct ggagtccag ctggcactca 300  
 aggactgtga ggaatgtatc cagctggagc cgcaccttca tcaaggggtt atacacggaa 360  
 agccgctgca ctggaagcga tgaaggacta caccataaag cccatggatg tgtacctgcc 420  
 cgggccggcc gctcgaaaagg ggcgaaattn agcacactgg ccggccggta cttagtggga 480  
 tncnancctc ggtaccaaacc ntngcggnaa tcatgggcat ancnnnggtc ctngggngga 540  
 aaattggtaa tnccgtttac natttcccca ccaacttccn aaccgggaaa cctttnaagng 600  
 gaaancntg gggnggccta atggngggc ttactcncct taattggctt gggcttaatg 660  
 ggcccccttt caatngggaa acctnnt 687

<210> 612  
 <211> 673  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 612  
gactgatgtt ggtgtcctgc agcgccacgt ttcccgccac aaccaccgga acgaggatga 60  
ggagaacaca ctctccgtgg actgcacacg gatctccttt gagtatgacc tccgcctggg 120  
gctctaccag cactgggtccc tccatgacag cctgtgcaac accagctata ccgcagccag 180  
gttcaagctg tgggtctgtgc atggacagaa gcggctccag gaggttccttg cagacatggg 240  
tcttccctg aagcagggtga agcagaagtt ccaggccatg gacatctcct tgaaggagaa 300  
tttgcgggaa atgattgaag agtctgcaaa taaattttgg atgaaggaca tgcgcgtgc 360  
agactttcaa cattcatttt gggttcaagc acaagtttct ggccagccga cgtgggtcttt 420  
ngcaccatgt ctttgatgga gagccccgan aaaggatggc tnaaggaccg aatcacttta 480  
tncaggcttt tggacangcc tnttcaggag tnaccctgga caaacttgta cctttgggnc 540  
ggngaacacc ncttaagggc naatttcang cactctggcg ggccgtaatt aagggaatcc 600  
aacttnggna nccaancttg gggnaaanen tgggcataen ngttccctgn ggnaaatngt 660  
attccctncc aat 673

<210> 613  
<211> 279  
<212> DNA  
<213> Homo sapiens

<400> 613  
ggtacaaaag gagacaatcc atccccgaaa gtcataataag atgaactctt cctgtgcaga 60  
tatcctgctc tttgctcctc ataagtggaa tgtctcccg ccctcattgc tggctgactc 120  
caaggatgtg atggacagca ccaccaccca gaaatactgg attgacatcc agttgcgtg 180  
gggggactat gattcccacg acattgagcg ctacgcccgg gccaaagtcc tggactacac 240  
caccgacaac atgagtatct acccttcgcc cacagggtgt 279

<210> 614  
<211> 653  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(653)  
<223> n = A,T,C or G

<400> 614  
gtttccacaa acttcgtgga tcaaaacgag gtcttccagt tctgcggtc agaaggctga 60  
cccggggctc aaatctgggt gtcggcagtc ctgcactcct tctggaggct ctaggggaga 120  
attcattttct ggctttttca ttttttagagg ctgaccgtaa ttcttgactt caggctcctc 180  
catcttcaga gccagctgtg ggtagttgaa tctttttccc gtcacctcat tgaggcctcc 240  
cctctcctgc cccccccac cacttttttt tttttttgag acagggtctt gctgtgttgc 300  
ccaggctgga gtgcagtggc ctggtcatgg catcaaggct cactgcagcc tggacctcct 360  
ggttcaagtg atcctcttgt ctcagtcccc tgagacaatc cccacgccc agctacatat 420  
tttttgtgga tacagggtct cattctgntg cctagcttgt ctggaactcc tgggctcaag 480  
ggatcttgga gccttaacct tncctaaagt cttgggaata taggcatgag tcaactggacc 540  
ttgggnccga ccaccttaan ggccgaattt cagcacaatt ggccggccgg tacttagggg 600  
annccaactt tgggaccaac ntggngnaa tcatgggcn aactggttnc cng 653

<210> 615  
<211> 676  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

```

<400> 615
acatgtgaag attttttggc agcttagcgt ggaaaccatt gatcacccctg ctctcatttc      60
tacctgttct gtgttggaac gggagagtgc ccaaatgagc aagatatcgc agcaaaacag      120
cactccaggg gtgaacggaa ttagtggtat ccatacccag gcacatgcc a gggcttaca      180
gcaggttcct cagctgggtgc ctgctggccc tgggggagga ggcaaagctg tggctcccag      240
caagcagagc aaaaagagtt cggccatgga tcgaaacagt gacgaagtat cggcaacgcc      300
gagagaggaa caacatggct gtgaaaaaga gcccgggtga aaagcaagca gaaagcacia      360
gacacactgn agagagtcaa tcagctcaaa gaagagaatg aacgggttga aagcaaaaaat      420
caaattgctg accnanggat taagtgtacn gaagcatgcc aacgccttag ctatggggcc      480
tggtctnctat cagcttggga acccnaaagn accagttttt ccangaatcc ccagaccgaa      540
ngggnccaag gggnccaacg ttcgggactt gaaangggaa aaaaaaactg gancttggca      600
aggacttggg cttncnaaat tgganccgan cccaanggat gaanaacccc ttcaagaaaa      660
ccagcttctt ttctng

```

<210> 616  
 <211> 694  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(694)  
 <223> n = A,T,C or G

```

<400> 616
ggtaccttct agatcttggg gttgatatga atgaaccaa tgcctatgga aatacacctc      60
ttcatgtagc ctgctataat ggacaagatg ttgtagtga tgaacttata gactgtgggtg      120
ctattgtgaa tcaaaagaat gaaaaaggat ttactccttt gcactttgct gctgcatcaa      180
cacatggagc attgtgttta gagcttctag ttggcaatgg ggccgatgtc aatatgaaga      240
gtaaagatgg gaaaacccca ctacacatga ctgctctcca cggtagattc tcccgatcac      300
aaaccattat ccagagtggg gctgtaatcg actgtgagga taagaatgga aatacccctt      360
tgcacatagc aacacggtat ggccatgaan ctgctgatca acacttctta ataccagtgg      420
gtgctgaccc ttgcaaannc gtgggcatac cttggaatgg ttcccccttc cattttggca      480
agcccttaaa ccggnntttt caagaattac tggcnnaaaa accttcnttc ttttanggaa      540
ttnganattn gaaanccccc aanggaattt tngccnggac cttgggntaa catgccantt      600
gnnaacttga agggnaattt gggaanggcc tnaaaccttt tngngnnaaa cctggggccn      660
aacntttatt aaaangggcc caatttnggg gaan

```

<210> 617  
 <211> 554  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(554)  
 <223> n = A,T,C or G

```

<400> 617
cgaggtaccg caaggggaaag atgaaaaaatt ataaccaagc ataatatagc aaggactaac      60
ccctataacct tctgcataat gaattaacta gaaataactt tgcaaggaga gccaaagcta      120
agacccccga aaccagacga gctacctaaag aacagctaaa agagcacacc cgtctatgta      180
gcaaaatagt gggtagattt ataggtagag gcgacaaacc taccgagcct ggtgatagct      240
ggttgtccaa gatagaatct tagttcaact ttaaatttgc ccacagaacc ctctaaatcc      300
ccttgnaaat ttaactgtta gtccaaagag gaacagctct ttggacacta ggaaaaaacc      360
ttgtagagag agtaaaaaat ttaacaccca tagtaggcct aaaaagcagc caccaattaa      420
gaaagcgttc agactatata tattgcgcca ggtttcaatt tctatcgcta tactttattt      480
gggtaaaatg ggtttggcct aagggtggct nggaagaaag gtggaatngg aactgcccgg      540
gcnggccgct ngaa

```

```

<210> 618
<211> 305
<212> DNA
<213> Homo sapiens

```

```

<400> 618
acatgtgttc acaaggggta ctctcaaaaa cccccagttc tcactcatgt ccccaactca      60
aggctagaaa acagcaagat ggagaaataa tgttctgctg cgtccccacc gtgacctgcc      120
tggcctcccc tgtctcaggg agcaggtcac aggtcaccat ggggaattct agccccact      180
ggggggatgt tacaacacca tgctggttat tttggcggct gtagttgtgg ggggatgtgt      240
gtgtgcacgt gtgtgtgtgt gtgtgtgtgt gtgtgtgttc tgtgacctcc tgtccccatg      300
gtacc

```

```

<210> 619
<211> 604
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(604)
<223> n = A,T,C or G

```

```

<400> 619
acactctcat agtcactgaa agtaatatata actgacctgc aaaagtcaga tgggaagaca      60
taaaggacct catcttttggg tattagtggg tgaaaaagaat ctccatctgt tccattaatc      120
atattgcact tgtctgttat ccaccagtca agtgacgttt tccattcca ttccacaatt      180
tttgtaaagt taaggtaact gtcttctcca gttagaaaaa catagtctcc atcattagtc      240
ccatttttct catagaatag gccaaaatag ggagagatat cgggcctgaa aacatggata      300
agggacaaga tttcatcttt gtagccccag agcaattcgt caactgtgtg agtcacaaag      360
agcttctgct gataggcttt caacatggcc tcgatgatct ccttgaggaa gtgcacctgg      420
gaccactcta tgacagtcaa tacaggaata tttaatggct taattaagtn aaattttaag      480
ggctncaaca gattgggtct cgttcaaaac cataggcctt gttgctaaca gcaganattg      540
gtgggttcatt atctncaaat ggaaaattng ctttggttct ggagtnccct naagggtatg      600
gncc

```

```

<210> 620
<211> 571
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(571)  
 <223> n = A,T,C or G

```

<400> 620
ggtactgtga acatgacttt cagatgctct ttgccccttg ctgtcatcag tgtgggtgaat 60
tcatcattgg ccgagttatc aaagccatga ataacagctg gcatccggag tgcttccgct 120
gtgacctctg ccaggaagtt ctggcagata tcgggtttgt caagaatgct gggagacacc 180
tgtgtcgccc ctgtcataat cgtgagaaag ccagaggcct tgggaaatac atctgccaga 240
aatgccatgc tatcatcgat gaggagcctc tgatattcaa gaacgacccc taccatccag 300
accatttcaa ctgcgccaac tgcgggaagg agctgactgc cgatgcacgg gaactgaaag 360
ggggaactat actgncttcc atgcatgat aaaatggggg tccattgng gtgcttgcca 420
cggccatcaa ggcgctgtga cctatggcaa catgcatgtg gacatttggt gnncagtgtg 480
aaccttntga atgcatataa gaagctgcgn ttggactatt accgtntggg ngtgtcctga 540
tcggntnaag ggaggctgtg taaagcggng g 571

```

<210> 621  
 <211> 581  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(581)  
 <223> n = A,T,C or G

```

<400> 621
acattcggcc tgagggccag gacagtgett tctcctggac ggacctgctg ctgaagaata 60
attctgagct gcttaacaac ctgggcaact tcatcaacag agctgggatg tttgtgtcta 120
agttctttgg gggctatgtg cctgagatgg tgctaccccc tgatgatcag cgcctgctgg 180
cccatgtcac cctggagctc cagcactatc accagctact tgagaagggt cggatccggg 240
atgccttgcg cagtatcctc accatatctc gacatggcaa ccaatatatt caggtgaatg 300
agccctggaa gcggtataaa ggcagtggag ctgacaggca acgggagga acagtgactg 360
gcttggcagt gaatatagct gccttgctct ctgcatgctt caccttacat gcccacggta 420
gtgccaatc agcccaactgc actccactca gctgagtatc ngntgacaac ttctgngacc 480
ttggccggac acctaaggca atcaccatgg cgcgtctang gaccactcga ccacttgcca 540
acatggcnat ggtctgngaa tgnccgtaat tccncanntc a 581

```

<210> 622  
 <211> 644  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(644)  
 <223> n = A,T,C or G

```

<400> 622
actgtttacc agatctttgc agatgaggtg cttgggttcag gccagtttgg catcgtttat 60
ggagaatttg caccatcctg ggattgtaaa cctggaatgt atgtttgaaa cccagaaacg 120

```

agtctttgta	gtaatggaaa	agctgcatgg	agatatgttg	gaaatgattc	tatccagtga	180
gaaaagtccg	cttcagaacg	aattactaaa	ttcatgggtca	cacagatact	tggtgctttg	240
aggaatctgc	attttaagaa	tattgtgcac	tgtgatttaa	agccagaaaa	tggtgctgctt	300
gcatcagcag	agccatttcc	tcagggtgaag	ctgtgtgact	ttggatttgc	acgcatcatt	360
ggtgaaaagt	cattcaggag	atctgtggta	ggaacttcag	catacttacc	cctgaagtcc	420
ttcngagcca	angtacaacc	gntccctana	tatgtggnc	gtgggagtta	tcatctatgt	480
gagcctnaat	ggcacatttc	ctttaatgng	gatgaagatt	taatgnccaa	tccaaaaggc	540
tgganttatg	naccctnggc	cgacccctt	anggggaatt	ccannnnntt	ggggggccgt	600
tctaaggggn	nccancttgg	gcccacntg	ggggaancat	ggcn		644

<210> 623  
 <211> 662  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> n = A,T,C or G

<400> 623						
acaaaagagct	actccataaa	ttacatcttg	ccaagggtggg	agattgcatg	ggagactccg	60
gtgacaaaacc	cttaaggcgc	aataatagct	atacttccta	taccatggca	atatgtggca	120
tgctcttgga	ttcattccgt	gccaaagaag	gtgaacagaa	gggcgaagaa	atggagaagc	180
tgacatggcc	taatgcgag	tccaagaagc	gaattcgaat	ggacagttac	accagttact	240
gcaatgctgt	gtctgacctt	cactcagcat	ctgagataga	catgagtgtc	aaggcagaga	300
tggttctagg	tgacagaaaa	ggaaagtaat	gggtctctcta	gaagaatggt	atgaccagga	360
taagcctgaa	gtctctctcc	tctttcagtt	cctgcaganc	cttacagcct	gctttgggtc	420
attcgcccat	ggtggcaatg	acgtaagcca	tgccatttgg	gcctctgggt	gctttatatt	480
tggttatga	cccnnngagan	gttcttcaaa	agtggcaaca	ccaatattgg	nttctactct	540
antggngggg	ggtgggatct	gnggttggtc	tgtgggggtt	ggggaaaaaa	aagttttccc	600
naccttgggg	aaaggatttg	ccnccgttac	accctttaag	ggtttngtat	ttgactngna	660
tn						662

<210> 624  
 <211> 682  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 624						
acaccaagca	tgggactttg	aaataaccaga	cagactgtgc	ccctaataat	ggttacttta	60
tgatcccttt	gtatgataag	ggggatttca	ttctgaagat	tgagcctccc	ctaggggtgga	120
gttttgagcc	gacgaccgtg	gagctccatg	tggatggagt	cagtgcacac	tgacaaaagg	180
gtggggacat	caactttgtc	ttcactgggt	tctctgtgaa	tggaaggtc	ctnagcaaaag	240
ggcagcccct	gggtcctgcg	ggagttcang	tgtctctgag	aaacactggg	acccgaagca	300
aagatccagt	ncacagttac	acagnctgcg	gaaagtgttc	attttttaaa	gttctgcctg	360
gagaatatna	aaatcctngt	actcatccaa	cctggggcgt	tgaaagaagc	aagcaccacn	420
gtnccntgtt	accaactcca	atgccaatgn	cggnacgtcc	ccttcatagt	tgctggnta	480

ccaatngtgg	tcttggcctn	tgteccnaaa	ttgatnngn	gaagcccctt	gtaangggcc	540
taaagtttct	tnntctttt	cttctttant	ttcctnnang	aaggaanncc	ttgggttnca	600
ntggntnacc	tgngcctggg	gttccaancc	nnataccnan	nntcttgggg	tatttngcct	660
acccggtntc	nnaaaaanat	gg				682

<210> 625  
 <211> 502  
 <212> DNA  
 <213> Homo sapiens

<400> 625						
acatttcctt	gtagactctg	ttaatttcct	gcagctcctg	gttggttctg	gagcagatga	60
tctcaatgag	agagtccctg	tcggttccca	gccccttcat	ggaagctttt	agctcagagg	120
cgtcatactg	agcaggtgtc	ttcaataggc	ccaaaatcac	cgtctccagg	tgccagata	180
aggctgactt	cagtgtctgat	gcaagttcct	ttttggctct	tctctggtag	gcgaaggcaa	240
tatcctgtct	ctgtgcattg	ctgcggttgg	tcaaaatggt	gacaatgggt	acctcatcca	300
cacctttggt	cttgatgggt	gtttcaatgt	tcaaagcatc	ccgctcagca	tcaaagttag	360
tataggcttt	gacagaccca	tatgcacttg	gggggtgtag	aagtgatcac	cctccaagct	420
gagcttgcac	aggaatttctg	tgaacagtag	acattttgaa	ggaactgggc	ccgtgcgccc	480
aagagctgaa	aaccgtccca	cc				502

<210> 626  
 <211> 935  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (935)  
 <223> n = A,T,C or G

<400> 626						
acattcatca	aagaggaatt	tgtecccaa	ggccatgtgc	ttttcagtgg	aaaggaagga	60
gggaaacctc	taaggccgca	cgggtggccc	acggagctag	cacgtgggcg	ggactgaagg	120
ctagatgctg	ggattgaggt	ggggaactag	agatgactct	aaggcaggaa	catctgtacc	180
ttcgggccgc	ganccacgcc	taagggccga	aattcagcac	actggccggg	cccgttacct	240
aagtgggaat	cccgaagctt	cgggtaccca	aagcctttgg	gccgtaaaat	caattgggtc	300
caattaagcc	ttggnttttc	ccttgggggg	tggnaaaaat	ttgggtttaa	ttcccggctt	360
tcaaccaaah	ttttcccaac	canccaaacc	antttanccn	aaaacccccn	gggaaaaggc	420
cnthttaaaa	agggttggtta	aaaaaggnc	ccttnggggg	gggtngggcc	cttaaaattg	480
gaaantttgg	aaacccttna	aacnnttnaa	nccattttta	aaattttggc	ccgttttggc	540
cggcctttta	aactttgggc	ccccnggttt	tttttcccaa	agttcccggg	ggaaaaaanc	600
cttgggtnc	nttggnccca	aacnnttggc	canttttnaaa	ttggnaaatt	cnggggcn	660
aaacggcccc	ccgggggnna	aaaaaaggcc	cnggggtttg	gccggtaant	tnggggcccc	720
cttttttttc	cgggcttttc	cctttgggtt	tnaacttggg	acttcnnttt	tgggncttgg	780
gggnccnttt	cgggggtttt	cggncaaaac	cggggatntc	aagntttanc	ttcaaaaggg	840
ccgggaaata	ncnggggttt	ccccngaaa	tccgggggnn	aaacccccgg	gaaaaaacct	900
ttttggacca	aaaggccccc	naaangggcc	ggaan			935

<210> 627  
 <211> 680  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(680)  
 <223> n = A,T,C or G

<400> 627

ggtaccacaa	ctcccaggat	tttcctggat	caaaccttgt	atctcttctg	caagtattgt	60
gtatattggt	ctgagagacg	tggaacctcc	tgaacatttt	attttaaaga	actatgatat	120
ccagtatttt	tccatgagag	atattgatcg	acttggtatc	cagaagggtca	tggaacgaac	180
atttgatctg	ctgattggca	agagacaaaag	accaatccat	ttgagttttg	atattgatgc	240
atttgacctt	acactgactc	cagccacagg	aactcctggt	gtcggggggac	taacctatcg	300
agaaggcatg	tatattgctg	aggaaatata	caatacaggg	ttgctatcag	cactggatct	360
tggtgaaagt	caatcctnag	ttggccacct	nagaggaaga	ngccaagact	acagctaacc	420
tggcagtaga	tgngantgct	tcaagctttt	gggcagacca	ganaaaaggan	ggcntattgg	480
ctattgaccc	actttctant	tccaagttn	cccgaaggaa	tccgaaaatc	nagcccctgt	540
gganaaat	tttgggaaact	tggnccctgn	ctggtttacc	aacaggggct	ttcccnaaat	600
ttttanggcc	tttngggggg	ttnanngaaa	ccctaaaggg	gtnnnctggg	gccaaaaccg	660
gccttaanng	ggnaaacttt					680

<210> 628  
 <211> 637  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(637)  
 <223> n = A,T,C or G

<400> 628

acttgtaggg	tgagggtgtc	ggtcaaagac	cttctttatg	atatcaagaa	atagacatgt	60
aacaaccatg	aggattatgg	caaaccaagc	agaaccactt	gacaggagct	gaataaacac	120
aaaatacata	ttctgggagc	ccaaaaatgg	ccagagaatc	cctccataaa	acaaggaaaa	180
tacaaaataa	aataataatag	atccccaggt	aacgagatgg	ttgatccaag	tccaaaaatg	240
agtttccaga	gccatcttta	ctgtgactgt	aataaccatg	actgtgaaga	ccaaagtgcc	300
aaatgtccag	tttccaaaca	tctggcattt	ccaagcagag	atgtatcttt	ccctattagt	360
aaataggatc	naaaaagaaa	ataaaggcat	gactgaaccc	aggatgggtcc	aataaaagaaa	420
tggtttaata	cttaagaagg	cggttttact	aatggctcga	taaagggtggc	ttaattttggn	480
acacatgaag	gnctacatgc	ttgttccaaa	agactntttt	tcnnaattgg	tngggaagta	540
aaccaatttt	ggttaaagtc	agggnccctg	gccggaccn	cttanggcga	attccnnccn	600
ctggggggccg	tcttagggga	ncaacttggg	cccaact			637

<210> 629  
 <211> 446  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(446)  
 <223> n = A,T,C or G



<400> 629  
 actttctcatg tccatgggta atgaaaggca gccatttgtt ttgcgctgtg ctgttctcta 60  
 ttgtttccag tgtttcttgt ataaaaacca aaaaggacaa ggagaaatcg tgtcaacact 120  
 tttaccttct accattgatg caacaggtaa ttcagtttca gctggccagt tattatgtgg 180  
 aggtttgttt tctactgatt cacttttcaaa ctgggtgtgt gctgtggccc ttgcccattgc 240  
 gttgcaagaa aatgccaccc agaaagaaca gttgctcagg gttcaacttg ctacaagtat 300  
 tggcaaccct ncagtttctt tacttcaaca gtgcaccaat attctttcac aggggtgataa 360  
 agatcgacag acgggggaaac naaatacnaa ccaagaagtg gattattaat ggtgctttgg 420  
 accttggncg ngancacctt anggcc 446

<210> 630

<211> 635

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (635)

<223> n = A,T,C or G

<400> 630  
 actagatatt gtgcctgcaa gtcataaaaa aaaaaaaaaa aaaagaaaaa aatgaaagaa 60  
 tgcctttccc cttcagacaa aagaattact tttttcattt ttcttaaaaa aagaggaaaa 120  
 gttataacac gaaacctaaa ttgacttgca aaggaatacc atgtaacaaa tggcttgaag 180  
 tagtctatca aaaaattggg gagattttta tttaatagtg agtcagcaag gcattttttg 240  
 ttgttttaaaa aaaatctcat ttccttacag aaacagtttt tagtttttaa tgaacttgta 300  
 aacnaaaaaag ctcccatttc aaaataaaaa cnaaatccca gatcatatta atgnttacng 360  
 ggggtacctt tatctaagca acatacntac ctgttcagtt gtaaganggt aactaaattt 420  
 ctgngaccaa natgcntttt ttttaatacc cngaacnttn ttgaggtaat gcnnaatcct 480  
 aangggaaac tagngngccc taagntttct taagcnttcc tttaaaagcn ggggaattnta 540  
 gccccattaa ccggccnagn tttntatgc ctaaanccgt gaantttggn gntnccatta 600  
 atgggttgna acaaaanccc cnttttnaaa ngtttn 635

<210> 631

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (694)

<223> n = A,T,C or G

<400> 631  
 actcatctta tactgaaaga acgtgggtggc tctaaatatg aagctgcaaa gaagtggaaat 60  
 ttacctgccg ttactatagc ttggctgttg gagactgcta gaacgggaaa gagagcagac 120  
 gaaagccatt ttctgattga aaattcaact aaagaagaac gaagtttgga aacagaaata 180  
 acaaatggaa tcaatctaaa ttcagatact gcagagcatc ctggcacacg cctgcaaaact 240  
 cacagaaaaa cccgtcgta cacttttaga tatgaaccgc tttcagagta aagctttccg 300  
 tgctgnggct nacaacatgc cagacaggtc gcaacctccc agcagtagga caaccacttn 360  
 agaaggagcc ctcggtacac ctggatacac cattcaaaat tctgntccan ggccaactct 420  
 ttaagccttt ctttgatgtg aaagatgccc tttcagnctt tggnaacttc cagaacgttc 480  
 caancccacn gaaaaaggga aacccggtan ccttngccgg gaacccccct taaggggcca 540

aattccannn	cacttggggg	gnccgttnc	aaaggggatc	ccaaacttng	ggncccaaan	600
nttgggggga	aancangggg	ccanaaanng	gntcccctgg	gggnaaaaat	ggntatnccg	660
gttcnaaaan	ttcccccccn	aanatttngg	ggcn			694

<210> 632  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<400> 632						
acggccatct	tccagctgct	tgccctgcaaa	gatgagcctc	tgctgggtcgg	ggggaatgcc	60
ttccttatcc	tggatcttgg	ccttcacatt	ttcgatgggt	tcactgggct	ccacctcaag	120
ggtgatgggtc	ttgccggtaa	gggttttcac	gaagatctgc	attttgacct	gttagcggat	180
accaggatcc	tgccaatcac	caaccacgtc	caccacacgg	gacacaaaaca	agctcaccca	240
acaaagccaa	cc					252

<210> 633  
 <211> 631  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(631)  
 <223> n = A,T,C or G

<400> 633						
ggtactgttg	attcaacaac	aaaccttaat	gggtgatgag	cttttgcata	ccaatatgaa	60
tttgtcagca	cttctgaaaa	ctggccatca	tttttcaa	tcacaatttg	ctggatgtca	120
gggaacaata	ggaagaagaa	tgagcgtcaa	ttttcatgtc	ttcctttgct	tcttccactgg	180
ccttccatag	aagtagtcag	aaaaaaaacaa	agcaccatca	accacacttc	acaaaacaatt	240
catgtttggcc	taagctttgc	tcaacattca	tatgacagaa	gatagaataa	tgaaaaggaa	300
ctgctggcat	cactttcccc	ataatattac	ataaaaaatgg	acagcacatt	aaataaacat	360
tctgntatta	atcattaaat	atattaacac	caaaaaatcat	gtataaaaatt	aggaaataaaa	420
tgctctgccc	ggccggncgc	tcaaggccaa	atncagnac	tggcgggcgg	tctagtggat	480
ccnactcgga	ccaacttggc	gtaacatngn	catactgggt	cctgggggaa	atggtaatcc	540
nttacaantc	ncacactnac	anccggaanc	taaggggtaa	acttgggtgc	ctaagaggng	600
nctacntnca	ttaatgngtg	gcnctttgcc	c			631

<210> 634  
 <211> 561  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(561)  
 <223> n = A,T,C or G

<400> 634						
gtgaaattgg	tgagtttgg	ggtgatttcc	cggtgcctgc	aatgaactcc	tggtgaaatg	60
taggcgaggt	tggaaagtag	ctgggacaga	caggagattt	cctgaagttt	ggagataaac	120
acgtggtaga	gactggggag	taacacagtg	aaagtgggga	gcttgggtgg	gatccctggg	180

atcctgga	tgactggggc	tgaaatgtgg	gcgtgggtgg	agagtagctg	ggacagacag	240
gagggtttgt	aagggtggt	ggtgaagacg	tgagagagac	tggcgaggat	ctcactgagg	300
tctctgactt	tctaggtgtt	tctgggggtgt	gggagacata	caacagctga	aaactggaca	360
tagttggaca	gactggggac	agaaaggaga	tctgtgatggg	tgggggtgac	tgtctattgt	420
gccaacagan	tacaaaaagt	atatcagacc	gtttgctttc	nttgaatggc	ctctggctnt	480
caaaagcgna	tggtangaca	ctcagagtat	tctnctaagc	nttgataata	cactgnntat	540
nctgcntgtg	tctanctgcn	c				561

<210> 635  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

accgaggctg	ctaaagctgc	cagtcacaac	ccagcatgtc	aactggttcc	tcattgctctg	60
tttgggtgtg	aaattcacat	gtgccctgac	actgaggaag	caattgctta	aaatcacttt	120
ccaataacag	ctgataaaat	attttgcagg	tttgtcatgc	aagggtttatt	tattaggtgg	180
ctattcaaaag	tttgtatagc	aaccacttaa	gcagaactaa	attaatatcc	actgagcact	240
gtaacgatgg	aagagggctt	ttcctaaggg	ttgggttggg	agttgtgctt	ctgtgaaatt	300
aacatctctc	actcattgcc	aagattctct	gcttaaaaat	attagttttc	tgtgctgggtg	360
ccaaaatagc	aatttaagcn	aatgtagtgc	cagaatgaca	catgaacctn	ggactnaggg	420
aacagttnc	tgctgnaggag	taccttgggc	ngaacacgc	ttanggcgaa	ttccacacac	480
tgccggcgta	ctaanggatc	caactnggna	ccancttggc	gaatcatggc	atactgggtc	540
ctggggaaaa	tggtatccgt	tacaatcn	cacntaccag	ccggaacct	annngnaaac	600
tgggggccta	atggngacta	cntcattant				630

<210> 636  
 <211> 640  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(640)  
 <223> n = A,T,C or G

actcctattg	ccgccagtgg	ggcctgtgga	atgagtgtgc	atggaggccc	tcctgtgctg	60
ggggaatgag	cccagagaac	agcgaagtag	cttgctccct	gtgtccacct	gtgggtgtag	120
ccaggtatgg	ctctgcaccc	ctctgccctc	attactgggc	cttagtgggc	cagggtgcc	180
ctgagaagct	gtctcaggcc	tgacgcagga	gtgggtgcaga	cagaagtctc	ctcaattttt	240
gtctcagaag	tgaaaatctt	ggaaacctg	caaacagaac	agggtcatgt	ttgcaggggt	300
gacggccctc	atctatgagg	aaaggttttg	gatcttgaat	gtggtctcag	gatatcctta	360
tcaganctta	nggtgggtgc	tcanaataag	gcangcattt	gangaaaaat	cttgggttct	420
ctttacagtg	cccacttctt	acacaccctt	gaggcaagga	atgcttgctt	acaagtacct	480
tgggcgggaa	cacgcttang	gccaaattca	acacacttgc	cggccgtact	aaagggatcc	540
ancttnggan	ccaacttggg	ggaaacatgg	cnaaatggtt	ccntggggaa	atgnaatccg	600
ttcaattccc	nnaantntca	accggaacct	taagggtaan			640

<210> 637  
 <211> 470  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(470)  
 <223> n = A,T,C or G

<400> 637  
 acctggtgac cttgaatgtg attaggactg ggagctccgt gaggccagag acctatgttc 60  
 atttagccta cataaaagac actcaataaa tagctggtaa aataacaaat gaataaatac 120  
 atatcatcaa ggggtggggg cagtagacag cagtgcccaa gctggcatcc gtcaggaagt 180  
 gtgggccttt gtgttttggat gctacacatg tctatggagg gccacttctt ctgtaagtct 240  
 gtggggcctc agcataccca ataggcagca agtttcagta tttcccagtt gtatgtcctc 300  
 atgggtggggc tatgtctccc ccaccacgtc ccctctcctc aggctagact ttaacatcca 360  
 tcaatcatgt cttgagtcct gctccttcct cttggcttan tcatgtgact acngatcaan 420  
 atcntggcct aatgggttaa gtgtncang taccttnggc cgggccacg 470

<210> 638  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 638  
 actggaacat caagttaaata acaaatactc agaactaacc actgtccaac aacagctaata 60  
 tagggagacg ctcatatcat ggctgcaagc tcagatgctg aatccccaac cagagaagac 120  
 ctttatacga aataaagccg cccaagtctt cgccttgctt tttgttacag agtatctcac 180  
 taagtggccc aagttttttt ttgacattct ctcatgtagt gacctaaatc caaggggagt 240  
 agatctctac ctgcgaatcc tcatggctat tgattcagag ttggtggatc gtgatgtggt 300  
 gcatacatca gaggaggctc gtaggaatac tctcataaaa gataccatga gggaacagtg 360  
 cattccaaat ctggtggaat catggnacct n 391

<210> 639  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 639  
 acatgctgac ccaccaggaa ctagcctccg atgggggagat tgaaactaaa ctaattaagg 60  
 gtgatattta taaaacaagg ggtggtggac aatctgttca gtttactgat attgagactt 120  
 taaagcaaga atcaccaaata ggtagtcgaa aacgaagatc ttccacagta gcacctgccc 180  
 aaccagatgg tgcagagtct gaatggaccg atgtagaaac aagggtgttct gtggctgtgg 240  
 agatgagagc aggatcccag ctgggacctg gatatcagca tcacgcacaa cccaagcgca 300  
 aaaagccatg aactgacagt ccagttacc 329

<210> 640  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

```

<400> 640
gcggccgagg tacttcacca tcaactgactc catggacttg atcagccgcc gctggatgta      60
tccagtctca gcagtcttga cagccgtgtc aatgagcccc tcacgacccc ccatggcgtg      120
gaaaaagaac tcagtgggtg tgaggccggc taggtaggag ttctccacaa agccacggct      180
ctcaggcccc tagtcatcct tgatgaagtg aggcagagtc cgggtgcttga agccaaatgg      240
aatccgcttg ccctcgacgt tctgctgtcc aacgacagcg atgacctggg agatgttaat      300
cttggaacct ttagctccgg acacgacccat agacttgaag ttgttgnatt cagacagggg      360
tttctgaagc agaaggaacc agtcttggct tgggcattcg gtaanaatgc gggtcacctg      420
aatcttcaaa acgtctggnc cgcaaaatgg ttccccctggg ggttggggct tccancntta      480
attggtgggg gngccctttn ttggaaggaa ccctctaatt aacggtcctt ggctttgggc      540
ctttccttaa ataaggggtg ctngnaaagg gccctngggg aaaggncntt aaaaaaatcc      600
nccaatnggg agnnccccc aaaggcccca atnngtnttg gancctttaa aanncccggg      660
ggaaaaaacc ttttngncaa aaacccccnt ttgggggnccc ttttaanaaa aacccttggg      720
aatgggggaa tttnttnncc cccaaaanag gtttnaaaac ccgg                          764

```

<210> 641  
 <211> 540  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(540)  
 <223> n = A,T,C or G

```

<400> 641
ggtacagtag ccatgaacta catacagtga cgctctaga aacgtgggta gtgcaactga      60
ggaaggaatt tttaatctta tgtgatttta attggcttaa ctttaaacag ccgcatgtgg      120
ttactgtatt ggatagcaca gccctagagc ctgaagaaag caaaccaaag aacaccagct      180
gggtcccaaa cagaaggcag aaagggtaga accatccacc tcaactattc cagccccatc      240
agaaggcacc aggaacaggg caagagaaaa aggcaaaaac ccaccagcc catgaaaatt      300
cactcctcaa ccaccagca catcaaactg gaacaccaca ctatttcctg aaaaaatata      360
ttattatttt ctagaccaag gagatatata tatatagaac cagcacaatt ccacatcctc      420
atatatttgg actgtaaaaa acctgttcgc aantttttaa agacantnaa ggcagctagc      480
gggtaagtaa aaactgggag gtatgaaaca gagaaggaga gctttantta tnaaaaaaaaa      540

```

<210> 642  
 <211> 608  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(608)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 642

ggtactagt	agaagaggga	atatgcattg	cagttcagca	aagccggaat	tctgtgttga	60
acagatgtct	gtctccctag	tgtgtgactc	acaccttggtg	gctgccttca	gagcgccacc	120
tccagatcag	atggggacac	acaacccctg	gatatgtttc	attgtcagat	tttgtgcttg	180
attttaagaa	tgggaattgtg	ggtatctttc	ctttttttta	atgtatctta	actgttgctt	240
gtcagtgttt	acaaactagt	gcgttgacgg	caccgtgtcc	aagtttttag	aacccttggt	300
agccagaccg	aggtgtcctg	gtcaccgttt	caccatcatg	ctttgatgtt	cccctgtctt	360
tccctcttct	gctctcaaga	caaagggttaa	ttaaggacna	agatgaagtc	actgtaaaact	420
aatctggcat	tgggtttttac	cttccttttc	tttttcagtg	cagaaaatta	aaagttangt	480
attaaagcac	ccgtaaaaaa	aaataactnt	antacaaana	aaagcttgtn	caagctttnt	540
ttttttntnn	tttttttttt	ttatttcccc	ggncaaaaaa	gttttttnan	tcaaantcaa	600
gggttnan						608

&lt;210&gt; 643

&lt;211&gt; 669

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(669)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 643

acagagtcac	ttacatagat	tatgttgtgc	tttgtgttta	ttctccacac	tttcagtcca	60
tattctgtcc	tgtatatgtt	tcccattttt	ccaggcattt	tagttccagg	ccagactctg	120
ccaatatcac	cagttgcaac	agctccagg	ctcctgtggg	ttttcgtttg	accatgcgta	180
gcaggctggc	ctttaaatcc	ccatcttttc	atgacacctt	gaaaaccttt	accaatagtt	240
ttggctgtga	catccacata	ctgtcctgga	cgaaagttag	cagcataaag	aggagtgcct	300
ggtttaattg	cagcattatc	tgttatatta	aagattttta	ctgtctgttt	cggcggcaat	360
ccaagttccc	ggtaaaattc	caatatggat	gtagctttac	gaaaacgtga	tcagggtttc	420
cttctacaga	cagggttgcc	atttttcatt	acagggtttc	ttttgacgta	tattttaaga	480
catgacagtc	ttgnacacta	gaattatggg	ttaagtttcc	tttggnatta	agagatatat	540
aaccctttca	aaacaatctg	gtccttaaaa	aatntcaata	atggaatgaa	ttttcttaaa	600
aaaggggaga	atccaccnnt	gcacctgctt	tggntttaan	aaaatatggg	taaacattta	660
cttcctntnn						669

&lt;210&gt; 644

&lt;211&gt; 572

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(572)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 644

acaagctttt	tttttttttt	tttttttttt	tttttttttc	atattcacta	nttgngacat	60
ntaactgctc	aangatttct	tgaatacggt	tttcaatttg	ancctngtca	ccttttcctt	120

ttaanagcat	ggcatcgctt	ttggncacaa	ngacctntcc	aacttttcc	aagtcagag	180
gctgaacgct	ttcaanattc	agggccaatc	cctnttctcc	aaacacctac	aaaaagagtt	240
aaacgtaaac	ctgttgtagg	ttacagtttn	tgccattata	ccaagttnat	taatacncca	300
tgcaananaa	tcatcaaaat	actttatttc	tttgaaatga	gagattttta	natcactgtt	360
agtccanaac	aagacttgag	tatagtctnt	ttcactgnat	ttccaaattc	tcaattttca	420
caactggggt	aattattacc	agcnttactt	gnnaaaaaaa	cnttcnaagg	tcacacttac	480
tggaanagc	caggacaana	ncataggccn	ttgactntta	agtcctanaa	tcccttggn	540
catacncttt	taccttttna	actgnggctt	gg			572

&lt;210&gt; 645

&lt;211&gt; 690

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(690)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 645

ttgtgagacc	ctcttcattc	tggtgttgct	cttgaaccaa	cagcatcccc	tggaacgcc	60
caagcaagac	caaggcagat	actatgaggc	aggcagcaca	gggccccaaat	caagaattgg	120
tgcatgcaaa	tcagggctgt	gggagaggcc	ctatgtattc	cggattccca	gggcttgctc	180
taattcttgt	cgtctctgct	gcaccttgga	gtagaagtat	cggcacacag	cctcctgagc	240
ccagggctgg	aagtagaact	cagctcggcg	ctcctcctct	gggttaccca	ccacatcagt	300
cattgtcttg	aggtccctgc	actgggactg	aagccagtca	ttgatgaaac	cctgagggtc	360
tctggccaaa	cttaacatga	actcccgtcg	agtcttcagc	tggttgatgg	gtttctattg	420
gctcatggat	cttgggtggc	aaagtaccaa	tcttctgggtg	gcccggcant	gggacagcag	480
aaaaagaaat	catcttgggg	ctttcaagg	ggcattcact	ttnaccatca	atggcataac	540
aagctggcct	ttttctnaac	attcgggtca	acactgatga	cattgaataa	nganaatagg	600
ttntggnggc	attaaccang	natggaaccn	cttagggact	ttgaaactta	tcnntgagac	660
ttaananttn	tgnggacctt	gccgaacncc				690

&lt;210&gt; 646

&lt;211&gt; 770

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(770)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 646

cgaggtacat	tccgctcacg	gatctcagct	tccagatggg	ggatgaactg	gaggcagtg	60
ccaacatccc	cctgggtgcc	gatgaggagc	tggacgcttt	gaagatcaag	atctcccaga	120
tcaagagtga	catccagaga	gagaagaggg	cgaacaaggg	cagcaaggct	acggagaggc	180
tgaagaagaa	gctgtcggag	caggagtcac	tgctgctgct	tatgtctccc	agcatggcct	240
tcaggggtgca	cagccgcaac	ggcaagagtt	acacgttcct	gatctcctct	gactatgagc	300
gtgcagagtg	gaggggagaa	catccgggag	cagcaagaaa	gaagtgtttc	anaaagcttt	360
ctcccttgac	atcccgtgga	gcttgcanaa	tgccctgacc	aacttcgtgt	tggtggaaac	420
ttccagaact	tgtnacaag	catttcccgc	ttgaccatt	caatttaagg	gaagaatgaa	480
tgaagtcttc	cnggggcttt	ttattggggg	tttctggaat	ggtcattcan	tccacttnaa	540

## WO 99/64576

## PCT/IB99/01062

gcccnccttgg	gaattttnaag	cccgagggttt	caaaatcttg	tanccttggc	ccngggccgg	600
gccggttcca	aaggggcgaa	atttccagcn	cacttggng	ggccggtact	tannggggat	660
cccaacttcg	gnncccaacc	ttggnggnaa	ancatngggc	ctanctnggt	tccncggng	720
gaaaatggta	ttncctgtcc	aatttcccc	cannttttna	accggagctt		770

<210> 647  
 <211> 454  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(454)  
 <223> n = A,T,C or G

<400> 647						
acttggaaac	ctccaggaag	ggcttcagga	cctgggtggg	gaagaccttc	atcaggatct	60
tgtgtttccg	cagctggtgt	cgcataagaa	gcttgctctc	tgcactcaga	gccacattct	120
ggcagacggc	tatcattcgg	ttgtcctgga	aaactgctgc	tatctcccgg	cggagaagcc	180
tgatgaggcc	tatctcctcc	tgtggggggc	tgggaggaga	tggcacgtat	cttccaagta	240
tgttctgaaa	attaaacag	gtaacctatt	tttgatgta	tttcaaaactg	ctatattcat	300
ctatgtctag	ttaaaaacaa	tttttggttt	attcacttac	ataatgttct	tatagtata	360
ttttttccac	ttattccana	agtgttaggt	gattattcta	cacttcttgn	gcccattcta	420
tggagaataa	agatgggtct	nggccgcgac	cacc			454

<210> 648  
 <211> 532  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(532)  
 <223> n = A,T,C or G

<400> 648						
ggtacatgtg	ggagaaaaac	ttaagtgtga	tgagtgtggt	aaggaattca	gtcagggcgc	60
tcatctacag	acccatcaga	aagtccacgt	gatagagaaa	ccatacaaat	gtaagcaatg	120
tgggaaagg	ttcagtcgta	gatcagcact	taatgttcat	tgcaagggtcc	acacggcaga	180
gaaaccttat	aattgtgagg	agtgtgggag	ggccttcagt	caggcctctc	atcttcagga	240
ccatcagaga	ctccacactg	gggagaagcc	attcaaatgt	gatgcatgtg	gtaagagctt	300
cagtcggaat	tcacatcttc	aatcccatca	aagagtccat	acaggagaga	aaccatacaa	360
atgtgaggag	tgtggttaagg	gcttcatttg	tagctcaa	ctttacattc	atcagagagt	420
ccacacagga	gaaaaaccct	ataaatgtga	ggaatgtggt	aaaggcttta	gtcggncctc	480
aagtccttcag	gcccacacag	gagttcacac	tggagagaag	tcatacatat	gt	532

<210> 649  
 <211> 493  
 <212> DNA  
 <213> Homo sapiens

<400> 649						
ggtacaaaat	tggttgaatt	tagctaata	aaaaacata	ttaaataatt	caaaaacgtt	60



gataacatta	ctcaagtcac	acacatataa	caatgtagac	aggtcttaac	aaagtttaca	120
aattgaaatt	atggagattt	cccaaaatga	atctaatagc	tcattgctga	gcatgggttat	180
caatataaca	tttaagatct	tggatcaa	gttggtccccg	agtcttctgc	aatccagtc	240
tcttagaaat	tgggtttctct	ctttgggaga	ttcagactca	gagggcagcca	gaggggacag	300
gtcaagagct	gaaataatca	cataactact	ctaattttct	tcattctatt	gactgtgtca	360
agttatagac	acagccaaag	tgtttttctt	ctgcctctga	tgatttgaga	agatgaagaa	420
catgagcaat	ttctcattgc	ttaaagaaaa	acttggcaca	taagaggctg	agtgtagtag	480
agtatctgtc	ctg					493

&lt;210&gt; 650

&lt;211&gt; 693

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(693)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 650

gagacttttg	atccttctctg	aggacgtgga	gaaaacttgc	tgctgagaag	gacattttga	60
aggttttgtt	ggctgaaaaa	gctgtttctg	gaatcacccc	tagatctttc	ttgaagactt	120
gaattagatt	acagcgatgg	ggacacagaa	ggtcacccca	gctctgatat	ttgccatcac	180
agttgctaca	atcggtctct	tccaatttgg	ctacaacact	ggggcatca	atgctcctga	240
gaagatcata	aaggaattta	tcaataaaaac	tttgacggac	aagggaaatg	ccccaccctc	300
tgaggtgctg	ctcacgtctc	tctggncctt	ggctgtggcc	atattttccc	nccggggtat	360
gaacggnttc	ttttccgcg	gactctttcg	caaccnttt	ggcaggcccc	attcaatgct	420
gaatggcaac	ctggtngetg	cactgggtggc	tgctttattg	ggactgggtn	aaggaactta	480
ntccggttgn	aatgcttgat	nccgggnccc	ttnggttaatt	gggcnttttn	tgnggactnt	540
tggncaaggt	ttgggnccca	tgtanccttg	ggccggnaac	acccttangg	gcnaanttcc	600
gcncacttgg	ccgggcccga	ctanagggaa	tcccaacttg	gnacccaacn	ttggggnaaa	660
catnggcana	actgggttccc	ggggggaaaa	tgg			693

&lt;210&gt; 651

&lt;211&gt; 678

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(678)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 651

ggtacgaagt	ttgttaccac	agtagagata	atntagtaga	aaaatgcttt	gaggettcag	60
tatttgtaag	attttgcatt	agccagatgc	taggttggtg	aaggcatttc	agtgttgata	120
ataacctgag	cagacttctt	tacaaatggg	atctgtttct	atatgtgtat	atgccactt	180
accattcaga	gagactggtc	tttctctttg	tcttccttca	cattgctgtg	tcagttctac	240
acctagtctt	ttcagcactt	agcaaattca	aattttgatt	tttttgtcag	cttagttcac	300
tttaaggcat	attggcatgg	tgtgtgaaag	tgatgttttg	ccccagtatt	gaggactttt	360
agatccnaat	aatgactcat	taaatataat	tatgttttaa	gtatacctga	atctctggta	420
gcttaaaatg	ttaattctca	ggaatgattt	tctcacactt	ttgggggtggc	taataataaa	480
agcactgggt	tattctcaaa	actccttttt	tcaaaattag	ggagagagcn	naagtggaca	540

ttttatgtga	acccctttgn	aaanatgggg	gntngantgc	ngagaaacca	atggagtttt	600
ngntgcnaaa	agggtttttc	ccgnaangta	aaattggaat	aantggcnat	tgaggaccct	660
tgnnctgccc	ggcggcnn					678

<210> 652  
 <211> 676  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 652						
ggtacaagct	tttttttttt	tttttttttt	ttttttgtg	tttaaagtca	ttttattttt	60
agacaacct	catgacatgt	ttttcttaaa	aacaatgcct	ccactccaaa	taaatacacag	120
tcaaaataaa	tgaagagctc	aagatgacat	cagtccatt	tgtcttaagt	cctgggtgtg	180
tgtggatgac	aagcagaagc	cagttatgat	gacaggatg	agatccaaaa	taattgccac	240
atttggtaac	atttttccat	ttctaaacca	tccttaaga	aaatcatata	tggggtcaca	300
ccatectcac	ggtagtccaa	tagagcaacc	atgccatctg	gattcatgtt	ttcaccaata	360
aagaactggg	aagtttttga	aattagcaag	ggatgtgctt	gatttgttct	gcaaccctg	420
gcataaaaag	gtttactctt	tctnggctct	gggtcttaag	gttncctttg	aatggattca	480
tgtaaccttt	gatgtaccct	ggcccggccg	gccaagggac	ntgtaaaagn	gccccaatcc	540
acccganaaa	aaataagggg	tttnttccgc	gnttanganc	tcctttggac	cttttttaan	600
cttgccctgn	ggaaattaat	ctggccnttt	acctnggana	atagaaaata	ntttttcccg	660
naaccttgaa	cttcnn					676

<210> 653  
 <211> 468  
 <212> DNA  
 <213> Homo sapiens

<400> 653						
tcgagcggcc	ccgggcaggt	actccagcat	tggttatagt	catgggaaag	gaagggtgtcc	60
acggaggcac	acttaacaag	aaagcatatg	aactcgcttt	atacctgagg	aggtctgatg	120
tgtaagcagc	ctctcccat	ctacctagca	actgtcttca	tcaacaaccc	taattatggg	180
cacaatgcta	ccaaactgta	gatggtagct	aatttttctt	tacctatttt	ctaattgtcat	240
gattcctgtt	tgcccaatgg	atcatttgta	tgtaaccac	tgtatgtaac	caacccttat	300
ctggcaacat	aattgcagca	caataatgat	ttgcatgata	ccttgaaatt	ggggggaggg	360
ggcatgccaa	gttgggcatc	actttgtctt	agcaattaat	gggatattga	ttactaaaat	420
aagttaatat	taaacaaggt	gccggttgta	ccttggccgg	gaacacgc		468

<210> 654  
 <211> 612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

```

<400> 654
actgaagagc ccatggatac tacttctgca gttatccatt cagaaaattt tcagacattg      60
cttgatgctg gtttaccaca gaaagttgct gaaaaactag atgaaattta cgttgcaggg      120
ctagttgcac atagtgtatt agatgaaaga gctattgaag ctttaaaaga attcaatgaa      180
gacggtgcat tggcagttct tcaacagttt aaagacagtg atctctctca tgttcagAAC      240
aaaagtgcct ttttatgtgg agtcatgaag acttacaggc agagagaaaa acaagggacc      300
aaagtagcag attctagtaa aggaccagat gaggcaaaaa ttaaggcact cttggaaaga      360
acaggctaca cacttgatgt gaccactgga cagaggaagt atggaggacc accttcagat      420
tccgtttatt caggtcagca gccttctgtt ggcacctgag atatttgtgg ggaaagatcc      480
caagagatct atttgaggat gaacctggtt cantaatttg agaaaacctn gacctatatg      540
gggatcctcg tctaattgat ggatcccttc actgggcttn aataaanggt ntgccgttgg      600
caantttttg nc                                     612

```

```

<210> 655
<211> 608
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

```

```

<400> 655
ggtactttgt cctggaggaa gggcacgact acacttcttc caaggggcag aacatgggtg      60
gcggcgccat gggctgcaac aatgattccc tggcgagca gatatttaac gcggcgagc      120
tggacaacta taccgaata ggcttcgcc cctcgctctg gatcgacgat tatttcgact      180
gggtgaagcc acagtcgtct tgctgtcgag tggacaatat cactgaccag ttctgcaatg      240
cttcagtggg tgacctgccc tgcgttcgct gcaggcctct gactccggaa ggcaaacaga      300
ggcctcaggg gggagacttc atgagattcc tgcccatgtt cctttcggat aaccctaacc      360
ccaagtgtgg caaaaggggg acatgctgcc tatagtctgc agttaacatc ctccttgccc      420
atggcaccag ggtcngaacc acgtactaca atgaanccac aggtggcaaa atgttcctcg      480
tgcttctgt ggattaaact gggaccatgg cttgtcctag ncctttgcng ncttaaccaa      540
cacttgattg canttgggag taaatggcaa gcctccagag cncactgtnt tgctgaggac      600
tccgcgcc                                     608

```

```

<210> 656
<211> 659
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

```

```

<400> 656
accaaactga ccaatgggct gcaagaggtt tagattattg ctaccacaa aattctgagc      60
caaattgata atgggtcatca ttagtgacat ctgcccatga tgataagaag acatttcagc      120
cactgatcca gctaattggg caacctttac ttctcgcttg tcattccgtt tgaagcaagt      180
aaacaaaacc tttctctgac ctggtttcaa accatccacc atagaaggga tagatctctc      240
gttatcagaa tttgagaaca agataagttc cttgttgatg aagtcattat atgtcagata      300
tgtggtagtt tgtccataca agtaatcttc aggaagccca agtaactttc gttgtcttct      360

```

atcctccatg	aaattagtta	accatttcctt	tcgatcatct	atctgttttt	tgctaaaggc	420
caggctgata	gcagcatcat	cttcaggacc	agaatatattg	aactggatac	gatgtctttt	480
catatctgca	aagtatcttt	acttcctttg	atgtgctggt	gccccaaacct	ttgnaatatt	540
ggcttttcat	ttttatgatt	gggagtagaa	ctcttncaact	cttcaaattc	aggaangctt	600
naaaatgcct	ttcttgcttg	gtttagance	tttccatggg	agtgataaat	cctccgaaa	659

<210> 657  
 <211> 676  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (676)  
 <223> n = A,T,C or G

<400> 657	
ggtacagaat	tatataattc
tgcccactgt	gacttcaaac
cagaacctcc	aaataactgcc
accccccttc	tgccctgtgt
acttggtcag	tcactctcag
ctccaccctt	ttctgagaag
ttcatgggtt	tggattaatg
cttttcccag	gatgacctcag
tattaatacn	aaccnntca
cccgtttaat	gcncgggtgc
cctggaatca	netggcnetg
ttangcctta	ccaaag

<210> 658  
 <211> 646  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (646)  
 <223> n = A,T,C or G

<400> 658	
ggtacaatgg	aacaacaac
atcacaatgc	tgtgttttcc
atgcagagaa	gagaggattg
agttctccat	tgttgctctc
cggagcagtg	gaagcagatt
actcagccta	tcagggtctc
atcttctgtc	tgaagcttcg
acaatgagag	agtcnggaat
gtcctttcca	gatgagaaaa
cnaattgtgg	ccagcacent
gtnaccgatc	tggcctgana

<210> 659  
 <211> 673  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 659  
 actgtgtcca acagctgaag gaatttgagg ggaagacttt agtgtcagtc accaaagaag 60  
 gcctggaact tccagaggat gaagaagaga aaaagaagca ggaagagaaa aaaacaaagt 120  
 ttgagaacct ctgcaaaatc atgaaagaca tattggagaa aaaagttgaa aaggtggttg 180  
 tgtcaaaccg attggtgaca tctccatgct gtattgtcac aagcacatat ggctggacag 240  
 caaacatgga gcgaatcatg aaagctcaag ccctaagaga caactcaaca atgggttaca 300  
 tggcagcaaa gaaacacctg gagataaacc ctgaccattc cattattgag accttaaggc 360  
 aaaaggcaga ggctgataag aacgacaagt ctgtgaagga tctggtcatc ttgctttatg 420  
 aaactgcgct cctgncttct ggcttcagtc tggaagatcc cagacacatg ctaacaggat 480  
 ctcagggatg atcaaacttg gtctgggtat tgatgaagat gaccctactg ntgatgatcc 540  
 catgcttgct gnaactgaag aaatgccnc ccttgaagga gataccacc ctnacgcctg 600  
 ggaanaagtn actaactttg gcttanggat nnttaccngt cagaccttgg ncggaacccc 660  
 ttagggcnaa tcc 673

<210> 660  
 <211> 580  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(580)  
 <223> n = A,T,C or G

<400> 660  
 acaaaacgcc acattctcac ttgtattggg agctgaaaaa tgggatcaca tggacgcagg 60  
 acgggggaaca acacacactg gggcttttctg ggagacagag cgtaagaaa aacagctgat 120  
 gcatgctggg cttaatacct aggtgacggg ttgacaggtg cagcaaacca ccatggcact 180  
 cgtttacctt agtaacaaat atacacatcc tgcccatata ccccagaact tagaaacaga 240  
 acgaaacaaa agaaaacgag aaagcaatag caaatcgcta gcgggaaaac aaattttcaa 300  
 actcagaaaa tgacagacca atttttgctt caaatcatgg ttcttaacc aggtgccata 360  
 aggtcaggat aaagaatttg attacatatt gtaaataaga catgcagcaa atgaccagaa 420  
 aaattattcc caacatatgt gtgtcttcga attcaatggg gacgctatct accgggacat 480  
 aacattagat tccaaagggc cgagtnncac aagactgncc tnccatacta ataacnatga 540  
 aagccctaag ttgggtttac ctgcttttnt ancagctggg 580

<210> 661  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1) ... (710)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 661

ggtacatata	aatgaatctg	gtgttgggga	aaccttcac	tgaaacccac	agatgtctct	60
ggggcagatc	cccactgtcc	taccagtgtc	cctagcccag	actctgagct	gctcaccgga	120
gtcattggga	aggaaaagt	gagaaatggc	aagtctagag	tctcagaaac	tccccctggg	180
gtttcacctg	ggccctggag	gaattcagct	cagcttcttc	ctaggtccaa	gccccccaca	240
ccttttcccc	aaccacagag	aacaagagtt	tgttctgttc	tgggggacag	agaaggcgct	300
tcccaacttc	atactggcag	gaggggtgagg	agggttcactg	agctccccag	atctcccact	360
gcggggagac	agaaacctgg	actctgcccc	acgctgtggc	cctggagggt	cccggttgnc	420
agttcttggg	gctctgtgtt	cccagaggca	agccggagggt	ttgaaagaaa	ggaacctggg	480
atgaaggggt	gctgggtata	aaccagaaaa	gggatnggggt	tctgnttcc	aangggaccc	540
ctttggcctt	tcttctggcc	tttctaagg	cccaggngctg	gggnttggnc	ccttgggccc	600
ngaaccacgc	ttaagggccg	aaattccagc	acacttggcc	ggccgggtacc	tagtgggatc	660
ccaactttgg	gtccaaactt	tggcgtaaat	catngggcct	aacttngttn		710

&lt;210&gt; 662

&lt;211&gt; 411

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 662

ccaaaatctg	gaatgttcat	agtgtcctca	atgtccttca	ttccctggta	gacaaatcca	60
acatcaaccg	acagttaggag	gtatacacaa	gcggagggtga	ccctgagagt	gtggctgggg	120
agtatgggcg	gcactccctc	tacaaaatgc	ttgggttactt	cagcctggtc	gggcttctcc	180
gcttgactc	cctgttagga	gattactacc	aggccatcaa	ggtgctggag	aacatcgaac	240
tgaacaagaa	gagtatgtat	tcccgtgtgc	cagagtgcc	ggtcaccaca	tactattatg	300
ttgggtttgc	atatttgatg	atgcgtcggt	accaggatgc	catccgggtc	ttcgccaaca	360
tcctcctcta	catccagagg	accaagagca	tgttccagag	gaccacgtac	c	411

&lt;210&gt; 663

&lt;211&gt; 633

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (633)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 663

ggtacttggg	tttaatgctc	gtcagcgaaa	agcctttctt	aatgcaatta	tgcgatatgg	60
tatgccacct	caggatgctt	ttactaccca	gtggcttgta	agagacctgc	gaggcaaatc	120
agagaaagag	ttcaaggcat	atgtctctct	tttcatgcgg	catttatgtg	agccgggggg	180
agatggggct	gagacctttg	ctgatgggtg	cccccgagaa	ggcctgtctc	gccagcatgt	240
ccttactaga	attggtgtta	tgtctttgat	tgcgaagaag	gttcaggagt	ttgaacatgt	300
taatggggcg	tggagcatgc	ctgaactggc	tgaggtggag	gaaaacaaga	agatgtccca	360
gccagggtca	ccctccccaa	aactcctaca	ccctccactc	caggggacac	gcagcccaac	420
actcctgcac	ctgtccacct	gctgaagatg	gataaaatng	aaggaaaata	cctcaaagaa	480
ganagagctn	gaaggagaaa	aggaggttaa	actacagccc	tgaactgcc	tgatgactgc	540
ccggcgggcg	tcaaaggcna	atcaaccatn	gcgcgntnta	atggntcaac	tnggaccant	600
tgcnaacatg	cnaacttgct	ctgggaaatg	nnc			633

<210> 664  
 <211> 598  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(598)  
 <223> n = A,T,C or G

<400> 664  
 gcgtggtgcg gcccgaggta ctgggtccaa atgctggaga agttacacaa ggctttgcag 60  
 ctgcgctcaa atgtggactg accaaaaagc agctggacag cacaattgga atccaccctg 120  
 tctgtgcaga ggtattcaca acattgtctg tgaccaagcg ctctggggca agcatcctcc 180  
 aggctggctg ctgagggttaa gcccagtggt ggatgctgtt gccaaagactg caaaccactg 240  
 gctcgtttcc gtgcccacaa ccaaggcgaa gttttctaga gggttcttgg gctcttgga 300  
 cctgcgtgtc ctgtgcttac caccgccaag gcccccttgg atctctttgg ataggagtgt 360  
 tgaatagaag cagcacatca cacttgggtc actgcagaac ttgaanttga cattggcagg 420  
 catcnaggat natccatgag tcaccagtct nagccatgtg taggcgtatg acactgcaaa 480  
 tatttacata ctttctctggg attctatctc tgggaagttnn ggtgattttc tttttcatgg 540  
 naanattaan taaactncat tatttgcaac anntgtaaat cntcaggggtg tctgaagg 598

<210> 665  
 <211> 658  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(658)  
 <223> n = A,T,C or G

<400> 665  
 acccaaaaagc agtgcaggac ctctgcagct ggagaatctg gagcctggct tgtgggaaga 60  
 gcagcatcat tgtggcagcc gatgagagca ccatcagctg gggcccacat cgcacctttg 120  
 gggaactggg ctacagggat cacaagccca agtcttccac tgcagcccag gaggtgaaga 180  
 ctctgcatgg cattttctca gagccggtcg ccatgggcta ctcacactcc ttggtgatag 240  
 caagagatga aagtgaact gagaaagaaa agatcaagaa actgccagaa tacagcccc 300  
 aaacctctctg atgtccaga gactcctccg actccacacc tctcatggca gctgcatttc 360  
 catgtgcact gggaccggaa agtcaaacna ggaatttaaa aaagccaaaag tggaccctaaa 420  
 ggtgcctttt tatttaaaact tcctganggt nccggtttacc agtgatccaa cggtnactac 480  
 ctttttttct gggtgctttc caaagaccct ttttttctct taatggccaa ataaaaaacc 540  
 tgnttcgaan tggentaaca nttctaccaa gaggccnaaa ccttttacca ttaagggggg 600  
 tttttcttct tctntctgaa acccttncca aaaactcntt tccgtttaat nnntnngg 658

<210> 666  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 666  
 gcggcgcgcg gggaagcagc gtgagcagcc ggaggatcgc ggagtcccaa tgaaacgggc 60

agccatggcc	ctccacagcc	cgcagtatat	ttttggagat	tttagccctg	atgaattcaa	120
tcaattcttt	gtgactcctc	gatcttcagt	tgagcttcct	ccatacagtg	gaacagttct	180
gtgtggcaca	caggctgtgg	ataaactacc	tgatggacaa	gaatatcaga	gaattgagtt	240
tggtgtcgat	gaagtcattg	aaccagtgga	cactttgccg	agaacccccca	gctacagtat	300
ttcaagcaca	cttgaaccct	cagccccctga	atttattctc	ggttgtagc		349

<210> 667  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 667						
ggtggcgagg	tgagggccca	ggactctgac	cctgccccctg	ccttcagcaa	ggcccccggc	60
agcgccggcc	actacgaact	gccgtggggt	gaaaaatata	ggccagtaaa	gctgaatgaa	120
attgtcggga	atgaagacac	cgtgagcagg	ctagagggtct	ttgcaaggga	aggaaatgtg	180
cccaacatca	tcattgcggg	ccctccagga	accggcaaga	ccacaagcat	tctgtgcttg	240
gccccggccc	tgctgggccc	agcactcaaa	gatgccatgt	tggaactcaa	tgcttcaa	300
gacaggggca	ttgacgttgt	gaggaataaa	attaaaatgt	ttgctcaaca	aaaagtcact	360
cttccaaagg	cccgacataa	gatcatcatt	cttggatgaa	acaagaacag	cattgaccgc	420
acggagccca	agcaagccnt	tgaagggaaga	acccatggga	aaatctactt	ttaaaaacca	480
cttcgntttc	gnccctttgc	nttggaaatg	gcttttngga	ttaagaaaca	attngaagcc	540
ccaatttaan	tnccccgctt	ggggccaatc	ccnttcnngg	taaccttggn	cccnnggccc	600
ggccccggtt	cnaaaanggg	ccnaaaatgt	ccaagcacca	ctttgggnng	ggnccegnnt	660
ncttaanggg	gatcccaaac	tttgggnacc	ccannccctg	nggcgnaaaa	ncaatgggccc	720
ataaannngg	gttccccctg	ggnngnaaaaa	tggnnattnc	ccccncnc		768

<210> 668  
 <211> 659  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(659)  
 <223> n = A,T,C or G

<400> 668						
ggtacagtat	cctctccaga	catttgcaat	tggcatggaa	gacagccccg	atttactggc	60
tgctagaaa	gtggcagatc	atattggaag	tgaacattat	gaagtccttt	ttactctga	120
ggaaggcatt	caggctctgg	atgaagtcac	attttccttg	gaaacttatg	acattacaac	180
agttcgtgct	tcagtaggta	tgtatttaac	ttccaagtat	attcggaaga	acacagatag	240
cgtgggtgat	ttctctggag	aaggatcaga	tgaacttacg	cagggttaca	tatatattca	300
caaggctcct	tctcctgaaa	aagccgagga	ggagaagtga	gaggcttctg	agggaaactct	360
atttggttga	tggtctccgc	gcagatcgaa	ctactgctgc	ccatgggtctt	gaactgagaa	420
gtccatttct	agaacatcga	ntttcttnct	aatacttggc	tttgccccag	aaatgagaaa	480
ttccaagaat	gggatngaaa	aacattttct	gaganaaaac	ntttgaggat	tccaatctga	540
taccaaagag	aatctttggc	gaccaaanaa	accttnatga	tnggaaacct	tngntaaaaa	600
tnctggttaa	aattnnngga	atccttnact	tngggtnata	atccngangg	caaannccc	659



<210> 669  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(409)  
 <223> n = A,T,C or G

```

<400> 669
acgtgccgcy gaaatgctcc gctagcaatc gcatcatcgg tgccaaggac cacgcatcca      60
tccagatgaa cgtggccgag gttgacaagg tcacaggcag gtttaatggc cagtttaaaa      120
cttatgctat ctgcggggcc attcgtagga tgggtgagtc agatgattcc attctccgat      180
tggccaaggc cgatggcatc gtctcaaagt aagggtgggg gctcacattt gggcagagtg      240
agtggactag gactgctcca gaggcgtggg cttaacgttg tccttttccc ctggttctag      300
gaacttttga ctggagagaa tcacagatgt ggaatatatt tcataaataa ataatgaana      360
aaaaannnnn nnnnnnaaaa aaaaaaactt gtcctcggcc ggaccacgc      409
  
```

<210> 670  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

```

<400> 670
accgctgtaa gactgccaaag aagtcagagg aggagattga ctttcttcgt tccaatccca      60
aaatctggaa tgttcatagt gtectcaatg tccttcattc cctggttagac aaatccaaca      120
tcaaccgaca gttggaggta tacacaagcg gaggtgaccc tgagagtgtg gctggggagt      180
atgggcggca ctccctctac aaaatgcttg gttacttcag cctggtcggg cttctccgcc      240
tgcactccct gttaggagat tactaccagg ccatcaagggt gctggagAAC atcgaactga      300
acaagaagag tatgtattcc cgtgtgccag aatgccagggt caccacatac tattatgttg      360
gggtttgcat atttgatgat gcgtcgttac caggatgccca tcgggtcttc gccaacatcc      420
tnctctacat ccagaggacc nagaagcatg ttncagaagg acccacgtac ctttggccgn      480
gaccacgcct aagggccaaa attncaacac actggccnng ncggttacct aagtggaaatc      540
cnaaccttcg gnanccaaag ctttgccgt naatccatng ggccataagc ttggttccct      600
gggggggaaa attggtaatn ccggttcacn aatttcccca ccaacnttcc naaaccgggn      660
aagcctttaa agnggtnaaa accntggggg tggccnnaaa ggggggggac ctnaacttnc      720
atttaaattng ggggttggccn c      741
  
```

<210> 671  
 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(699)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 671

ggtacagcag	gaattacaac	tactacctca	cagagaactc	ctccaccact	gactgttcag	60
gatacccttat	gtcctgcagt	ttgtccctta	gaagaattat	ctccagatag	tattgatgca	120
catacggttg	atthttgaaac	tattccccat	ccaaacatag	aacagactat	tcaccaagtt	180
tcttttagact	tggaattcatt	agcagaaagt	cctgaatcag	atthttatgtc	tgctgtgaat	240
gagtttgtaa	tagaagaaaa	tttgcgtct	cctaataccta	taagtgatcc	acaaagccca	300
gaaatgatgg	gtggaatcac	tttattcatc	agttatcaat	gcgatagaca	gtagacgaat	360
gcagggatca	aatgtatgtg	gtaaggagg	atthttggaga	tcatacttct	ctgaatgtcc	420
agttggaaag	atgtagagtt	gttgcccaag	actctcactt	cagtatacca	accattaagg	480
aagaccttg	cacttttaga	accattgtac	ctggcccgcc	cggccgggttc	naaanggccg	540
aanctccagc	acacttggcn	ggccgttact	tagtgggatt	ccgagcttcg	ggacccaagc	600
nttggcggtg	atcatngggc	catagctggt	tcccngngtg	naaattggtg	ttccgggttac	660
caattcccca	ccacnnttcc	ancccggnaa	ccntaaagt			699

&lt;210&gt; 672

&lt;211&gt; 377

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(377)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 672

actgaagctg	aatgcagga	agtgggtggca	aagggtttatt	ccagagaagc	caggaagccg	60
gtcatcaccc	agcctctgag	agcagttact	gggttcaccc	aacctgactt	cctctgccac	120
tccccgctgt	gtgactttgg	gcaagccaag	tgccctctct	gaacctcagt	ttcctcatct	180
gcaaaatggg	aacaatgacg	tgccctacctc	ttagacatgt	tgtagaggaga	ctatgatata	240
acatgtgtat	gtaaatcttc	atgtgattgt	catgtaaggc	ttaacacagt	gggtgggtgag	300
ttctgactaa	aggttacctg	ttgtcgtgat	ctgaaaaaaa	aaannnnnaa	aaaaaaaaac	360
ctnggccggn	accacgc					377

&lt;210&gt; 673

&lt;211&gt; 650

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(650)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 673

cgaggtactt	gattggacca	gatgggtgagt	ttctagatta	ttttggccag	aacaagagga	60
agggagaaat	agctgcttca	attgccacac	acatgaggcc	atacagaaaa	aagagctagc	120
caaagcagtg	ttgctggatg	cagtattctc	ttgctaagag	gaaggaaact	gtctcgcata	180
ggagcctata	taaataataa	catatatacg	tgactctac	agaatggcct	tcataccatg	240
agaacatttc	tgthtttgat	ggggatgtta	cccttgcggt	caacccaaat	tgattcttgg	300
aactgtaaaag	attacaaccc	aaagtctccc	aggaagctgt	ggggagacca	gaggatcaag	360
ctgaagtga	accagtga	aaccacctg	tggaaggcat	ggcggggcca	ggcacaccag	420

tgcattcctg	cctgcgaaca	ggcctccaca	actttgccgc	ttttcatcgc	ttggggccctt	480
gctaaatagc	tgtgggactg	aattcacaga	aaagaatnta	tttccatagg	ctcttgctgg	540
ctcttcttga	gtctttntct	ttgagtcttg	gnggctatac	cgnccaatag	ggcttggcat	600
tanagtgatg	cttgaacttt	agttcctata	angattnctn	tcgattgcta		650

<210> 674  
 <211> 705  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 674						
ggtacaagct	tttttttttt	tttttttttt	ggtgaaaaga	tatatatata	tatatattca	60
gaattaggca	gctggactca	gttttagatga	tcccaatttt	gttggcaaca	tccaaagcat	120
cgtaaatcagg	agccagtcga	acatatgcct	tcttctctcc	atcaggccga	atcagggtgt	180
tgaccttggc	cacatcaatg	tcatacagct	tcttcacagc	ctgtttaatc	tggtgcttgt	240
tggctttaac	atccacaatg	aacacaagtg	tgttggtgtc	ttctatcttc	ttcatggcag	300
actcagtggg	cagcggaaac	ttgatgatag	catagtggtc	aagcttggtt	ctcctgggag	360
cgctcttccg	aggatatttg	ggctgtctcc	ggagtcgcag	tgtcttcggc	cgcccgaagg	420
nggggtgacg	tgcgggatct	tcttcttttt	ggggctgtgg	accacctttc	aacactgcct	480
ttttggggcn	ttnaaagccc	ttngcttttg	cttttagcttt	taggaagggg	ccaggaacct	540
tnecttnttc	gcttttcgga	acctgccccg	gccggggcgt	tcnaaaaggg	cnnaatttcc	600
aaacnacttg	gcngggccgn	tactaagggg	atnccaanct	ttggnancca	anctttggcg	660
naaancttgg	ggcnataact	ggnttcccg	ngngnaaaaa	tgntt		705

<210> 675  
 <211> 622  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(622)  
 <223> n = A,T,C or G

<400> 675						
ggtaccctaa	ttttccttgc	acccatgcct	gtccaatcag	atgactctgg	gaaacgccaa	60
acaggctgaa	tcaatgtctt	tgtgtgggtt	ttttcttcca	gattgttttt	ttctcaccta	120
taaaaggatc	tatctttaaa	aataaactgt	attaaatctg	taacatcaaa	ggcagaagg	180
ttgtgtgtgt	gtgtgtgtgt	gtgtgtgtat	ctgtgtgttt	aaatcaaggg	gagattgcat	240
ttataaatca	tactggcctt	atgaacatcc	tctgcaataa	atatactttt	tagccttaac	300
tataaattat	atatttttagt	gtttaaaaac	cttcgggtgt	gaaacatcta	agataaacct	360
taaaaaccac	ctgttctcta	ggtaaacctc	tgaggctccct	actttcaaac	accagttggc	420
accaaaggat	tcctaaactt	caacttcttt	aaagaaaaga	aaggaactta	tcatctggca	480
tgtgagaatg	caaccttttc	tcttntcgca	cgagctnca	acacccactc	atgcacacag	540
tggccacctt	gctaaagtct	gttgaacagc	ctgcggcgcg	tcaagnatc	accactgccc	600
gtctatgacc	actcgacact	gc				622

<210> 676

<211> 620  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(620)  
 <223> n = A,T,C or G

<400> 676

cgagggtgcac	aggcaccact	aataatcaga	cctgattctg	gaaaccctct	tgacactgtg	60
ttaaaggttt	tggagatfff	aggtaagaag	tttcctgtta	ctgagaactc	aaagggttac	120
aagttgctgc	caccttatct	tagagttatt	caaggggatg	gagtagatat	taatacctta	180
caagagattg	tagaaggcat	gaaacaaaaa	atgtggagta	ttgaaaatat	tgcttcggt	240
tctgggtggag	gtttgctaca	gaagttggca	agagatctct	tgaattgttc	cttcaagtgt	300
agctatgttg	taactaatgg	ccttgggatt	aacgtcttca	aggacccagt	tgctgatccc	360
aacaaaagggt	ccaaaaagggt	cagattatct	ttacatagga	cgccagcagg	gaatttggtta	420
cactggaaga	aggaaaagga	gaccttgagg	aatatgggtca	ggatctcttc	atctgcttca	480
gaatggcang	tgacaaaagc	tatctttgta	aaaaaaaaaa	aaaaacctgc	cgccgncgtc	540
aangccaatt	caccctgcgg	cgtctatgac	cactgnccac	tgcnatntgc	tactgtntctg	600
ggaatgatcg	tncatcncan					620

<210> 677  
 <211> 691  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(691)  
 <223> n = A,T,C or G

<400> 677

cgagggtactg	ggtccaaatg	ctggagaagt	tacacaaggc	tttgcagctg	cgctcaaatg	60
tggactgacc	aaaaagcagc	tggacagcac	aattggaatc	cacctgtct	gtgcagaggt	120
attcacaaca	ttgtctgtga	ccaagcgctc	tggggcaagc	atcctccagg	ctggctgctg	180
agggttaagcc	ccagtgtgga	tgctgttgcc	aagactgcaa	accactggct	cgtttccgtg	240
cccaaattcca	aggcgaagt	ttctagaggg	ttcttgggct	cttggcacct	gcgtgtcctg	300
tgcttaccac	ccgccaagcc	cccttggatc	tcttggatag	gagttggtga	atagaagcag	360
gcagcatcac	actgggggtca	ctgacagact	tgaactgaca	ttttggcaag	gcatacgaag	420
gatgtattcc	atgaagtcac	cagtcttaaa	cccatgtggt	aagccggtga	tggaaccact	480
gtnaaatcaa	ttttaacatg	aacctttcnt	gnggatttct	taatctcggt	gcaagttttt	540
aagggtgaat	ttttcttttt	ctncatgggg	gtaatgattt	tnagatgaaa	acctttccag	600
ttgatttttg	tccaaancaa	tnatggttaa	atatccctcc	agggnnnttt	ncttgaagga	660
aattggtntct	ttgaggtttt	agcttnccgg	a			691

<210> 678  
 <211> 667  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(667)  
 <223> n = A,T,C or G

<400> 678  
 cgagggtactt gattggacca gatggtgagt ttctagatta ttttggccag aacaagagga 60  
 angggagaaa tagctgcttc aattgccaca cacatgaggc catacagaaa aaagagctag 120  
 ccaaagcagt gttgctggat gcagatttct cttgctaaga ggaaggaaac tgtctcgcac 180  
 aggagcctat ataaatataa acatatatac gtgcactcta cagaatggcc ttcataccat 240  
 gagaacattt ctgttttggg tggggatggt acccttgctg tcaacccaaa ttgattcttg 300  
 gaactgtaaa gattacaacc caaagtctcc caggaagctg tggggagacc agaggatcaa 360  
 gctgaagtga aaccagtga gagccacct gtggaaagga catggcgggg cgaggcacia 420  
 ncagtgcatt cctgcctgcg aacagncctn cacactttgc cgctttcatc gcttgggcct 480  
 tggtaaatat tgtggactga atttccagaa aagaatntat ttcataggnt cttnttgctt 540  
 tcttgagtct tgtctttgag tcttggggnt aanacagtcn aatanggctt tgcnttcaag 600  
 tgancttgaa cctaagttcc tntaangana tcctttcnat gctatgaaag gaattttggt 660  
 nggggaa 667

<210> 679  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(302)  
 <223> n = A,T,C or G

<400> 679  
 cgagggtactg atggggaagt gccggcgctt cttggatgaa ctagatgcgg ttcagatgga 60  
 ctgagcttgg atgcttctga ggcaagctga agctttgggt tctgactgac ccaccctaca 120  
 ggactgctga acagagagcc cagtgtgact agggatcctg agttttctgg gacaattcca 180  
 gctttaatca atacattttg ttaaatgtgc cataaaatga gactttttac gcctttataa 240  
 ggccttagat gtaaataaac tcacccaaac aaaaaaaaaa aaaanaaaaa aaaaaagctt 300  
 gt 302

<210> 680  
 <211> 649  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

<400> 680  
 ggtacgtgct caggaaatta aaaacaaaaa tcaaggaatt gaacaacaca tgtgaaccgc 60  
 ttgtaacaca accgaaacca aaaattgaat caccctaaact ggaaagaact ccaaattggcc 120  
 caaatattga taaaaaggaa gaagatttag aagacaaaaa caattttggt gctgaacctc 180  
 cacatcagaa tgggtgaatgt taccctaattg agaaaaattc tgtaatatg gacttggact 240  
 agataacctt aaattggcct attccttcaa ttaataaaat atttttgcca tagtatgtga 300  
 ctctacataa catactgaaa ctatttatat tttctttttt aaggatattt agaaattttg 360  
 tgtattatat ggaaaaagaa aaaaagctta agtctgtagt ctttatgatc ctaaaaggga 420

```

aaattgcctt ggtaactttc agattcctgt ggaattgtga attcatacta agctttctgg      480
gcagtctcac catttgcata ctgaggatga aactgacttt ggcntttgga gaaaaaaact      540
gtcctgccgg cggccgtcaa aggcaattca ccctgcggcg tntanggacc actnggacca      600
ctgggaantg gctactgtcc tggaatgtnc cgtccatccc aatcaccgg      649

```

```

<210> 681
<211> 722
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(722)
<223> n = A,T,C or G

```

```

<400> 681
cgaggtacca ccagagggaa agctggggcg gagggatttg ttctgtttga cccgagatta      60
tgtgctgaag tctgcagagc tggcaaaaagc tggaggggtgc aaacatttca acttgctatc      120
ctctaaagga gctgataaat caagcaatttt ttatatatcta caagttaagg gagaagtaga      180
agccaagggt gaagaattaa aatttgatcg ttactctgta tttaggctg gagttctgtt      240
atgtgatagg caagaatctc gccaggtga atggctgggt agaaagttct ttggctcctt      300
accagactct tgggccagtg ggcattctgt gcctgtgggt acccgtgggt tagagcaatg      360
ctgaacaatg tgggtgagac caagagacaa gcagatggaa ctgctggaga acaaggccat      420
ccatgacctg gggaaaagcg catggctctn tnaagccatg accccattg gagaaatggg      480
ttttattggc aacccttaca cccattacc aaatcngnaa ttccanggtc taaaaaaaag      540
tcancctggg ttaactttgg ngggttacta atccttaggc ttcanttcca atcaggaaat      600
gatggggcct ntggattaag ggggtcaaaa cccgggtttc cctttggann cttcggggnc      660
ntttgnaaaa ataaaaattt gnnnccctnt ttttaactga atnaaaattt nggggggggc      720
cn                                                                    722

```

```

<210> 682
<211> 530
<212> DNA
<213> Homo sapiens

```

```

<400> 682
ggtacttgcc tttagtttat caggggatgt gtaaggagct tcaggagcat aaatcctgaa      60
aatatcagca aggcagcagg ctaccagtaa gcgaacatcc ttatcaggat gcttgaggaa      120
aaaatctgaa gcaagatgta aagctagggt taaataaagc tccttttctt cttcagagtc      180
ctgggccata tccataaaaag tttcacaaac catctataca aaaataaaaa atcaataat      240
gaaatgctcc atgtaaaact acagtcattg gaaataaagg tcatgttaat tgctaagggt      300
aacttcaaat gaatatactt tcatttttct gcagaaagtc tctatttgag agaacacaaat      360
tctcctaaaa ctacaaagta aacttctatt taaaagactt actaaaatat tttttcattt      420
acccaaaata tctgctaacc agatttttaa agattaaatt gcccttatgt agtagtcatt      480
attggaagaa ttccaataga atatttgtag aaacttctgt tctcacttgt      530

```

```

<210> 683
<211> 745
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

&lt;222&gt; (1)...(745)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 683

ggtacctgtc	tttccttatt	ccctcatcct	tagtggatca	tttgtatctc	ctgccttatg	60
agaacctttt	gacagaagat	gagacaacca	tatctgatga	tgtggatata	gctcgggatg	120
tcatatgtct	tataaaatgc	ctccggctga	ttgaagagtc	agtaactgtg	gatatgtcag	180
ttataatgga	aatgagttgt	tataacctac	agtctccgga	aaaggctgca	gagcagattc	240
tggaagatat	gatcactatt	gatgtagaaa	atgtgatgga	ggatatttgt	agtaaaactgc	300
aagagattag	gaacccaatc	catgcaattg	gactacttat	acgggaaatg	gattatgaaa	360
cagaagtgga	aatggaaaag	ggattcaatc	cagctcacct	ttgaatattc	gaatgaatct	420
taccagctc	tatggtagta	acacagcagg	gtatatgtgt	tgccagangg	gtgcattaaa	480
atccgccag	acctgcccng	gccggccgnt	cgaaanggcc	naatttccac	acactgggcg	540
ggccgttact	anggggaatc	ccaagctttg	gganccaagc	nttggncgta	atcatgggcc	600
ataancnng	tnccctgggn	ngaaaatnng	taatccgggt	aacaattncc	ccnccaactt	660
tcccnacccg	gnaaccctta	aaggggtaaa	aaccctgggg	gggncccaaa	gggagggggc	720
cttaaccttc	ccctttaaat	tggcn				745

&lt;210&gt; 684

&lt;211&gt; 628

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(628)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 684

ggttggagac	ccgagaaccg	gaggctggag	agcaaaatcc	gggagcactt	ggagaagaag	60
ggaccccagg	tcagagactg	gagccattac	ttcaagatca	tcgaggacct	gagggctcag	120
accttcgcaa	atactgtgga	caatgcccgc	atcgttctgc	agattgacaa	tgcccgtctt	180
gctgctgatg	actttagagt	caagtatgag	acagagctgg	ccatgcgcca	gtctgtggag	240
aacgacatcc	atgggctccg	caaggtcatt	gatgacacca	atatcacacg	actgcagctg	300
gagacagaga	tcgaggctct	caaggaggag	ctgctcttca	tgaagaagaa	ccacgaagag	360
gaagtaaaag	gcctacaagc	ccagattgcc	agctctgggt	tgaccgtgga	ggtagatgcc	420
cccaaactcn	aggacctcgc	aagatcatgg	cagacattcc	ggcccaatat	gacaactggc	480
tcggaagaac	cnagangact	ngacaagtcc	ttgccggccg	ncgtcnaagg	caattcacca	540
ctgnngcgtc	tatgatccac	tgnnactggg	gantgctact	gtctggaatg	ttcgtnatcc	600
cactcacgac	tagnactggc	tagggata				628

&lt;210&gt; 685

&lt;211&gt; 758

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(758)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 685

gcgtgggtcg	cggcccagg	tacggagcaa	atgttttatt	taataagtta	taagatacaa	60
------------	-----------	------------	------------	------------	------------	----

tttacagtcg	gcgtttgatt	ccagtttngg	cttccgtggt	ccaacttaac	acaccccggtg	120
ggcccttcac	aataagcttc	cggctgggtcc	actttctgta	nggggtgggct	tttaccctcaa	180
cactngccca	gatctacacc	tgccacaaga	ntggccactt	tctnaggact	aagcagcaaaa	240
acctaaagg	ctgcctgcc	gaccacacta	cacatttggg	ctcaggcaac	gtccctgaca	300
ctttaacctc	attccaaagc	cagctcaggt	ctgcaggaag	gcaggcaaaa	ttccctacac	360
ctcatttctg	gatttctgca	ccacacagnt	ctnactgggt	ctgcccattg	tgaaaagacc	420
ccaataagct	gntggccttn	tttccccaac	cattcccaac	tttnagggcc	aagancccca	480
agaggttcaa	tctggcctgc	tggacctggc	cggcnggccg	ntnnaaangg	ccaaantcca	540
ncacaattgg	gnngncggta	ctaaagggga	acccaacttn	gggnccaaac	tttggggnaa	600
acatgggggn	naanngggn	ccngggngn	aaaatngnna	nccentttcc	aaattncccn	660
ccaannttt	naacccggaa	accttaaaang	ggnaaaaanc	cggggggggc	caaagggggg	720
ggccnannnn	ccnttaaan	ggggnngggc	ccccccnn			758

<210> 686  
 <211> 697  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(697)  
 <223> n = A,T,C or G

<400> 686						
ggtacagatt	gggcggaatg	tggagaaggt	tggccacagt	ccagagccag	gagcccatgg	60
aacaacttgg	aaggtgactc	aggtgaggct	gtcaatgagg	gaatcccga	tgctggtggc	120
aatggtgcta	ggctgggctt	cattcagctt	gaagacactc	tccaccactg	acagctctgt	180
gctggttgta	tccaggccac	agaaggcaca	ccagtcattc	accaccatcc	cagcagcaat	240
cacctcactg	cctcggttca	cagtccccgc	cacaaggggg	acttgaagaa	gagaggacag	300
ctcatcctgg	tcttcaattg	aagtcttggg	atgcaccagc	cctccctgat	tgctgaagac	360
acagtagctt	cctactagca	cctggtcggc	cactgctgtc	tgaagacttc	caccttgagc	420
acatctgcca	gaatttcttc	tgntcctgt	ccaagtctgg	gtggaccaag	gncacgtagt	480
catttcaagt	ggtgacattg	cccaaggctt	aaaaccgttc	ttcaaccgnc	taatctgcac	540
ttggtctggg	aaggttggtg	ccaatgtgtg	caacttctgg	ggccgnggta	ttgtngggac	600
cttggccggc	cggccgttca	aagggcattt	ccanccaatg	ggggccgtac	tangggaaac	660
ancttgggnc	caacttgggg	naanatgggc	nnaacgn			697

<210> 687  
 <211> 668  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> n = A,T,C or G

<400> 687						
acataataac	ctcatcaact	aactttttaa	ttactgaat	ggctattatg	tatttattac	60
tcaataccag	tccattacct	aatataagag	cactaagagt	atttaatcat	tacctatttt	120
aatttatttt	ataggtgaaa	aacactgatg	tcaagttagg	ttgaggaact	tatattcaag	180
gtcctccagc	taactgtcga	cacaacaatg	actagaacta	attgtcaggt	ctcctgataa	240
ttagtccact	gttctttcta	ttctaccata	aggttggttag	gatgaagaat	actgcagttt	300



tactgcataa	atattctgaa	gtcagactta	ctctaaggca	ttcttccttc	agaatacagg	360
ctaaagcaga	atatttacaag	ctactgcttc	tttttttttt	ttttttttta	ataaacacag	420
aacattttgn	tcaaaccaaa	tctaactcag	aagtgnaaat	aatgnaagcc	aatcactatt	480
aaaaggcnga	atttcctaaa	gggaaaanta	ccatttaacc	aacctttcta	aagtaaacad	540
cctttccang	ggactgggga	tttagnccta	cacttgaagg	cttcctggga	cctgggcggg	600
acccttang	cnattcancc	atgggggcgg	tctanggnnc	cacttgggcc	annttggnna	660
attnggcn						668

&lt;210&gt; 688

&lt;211&gt; 375

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 688

acatcaattc	agtgagaaaa	ggtgtgtagg	gagccataag	tctgcaaaga	gaaagcagaa	60
cactaaacaa	ggttttctagg	gccatgacac	aatcctccat	cccattttca	ccctttaatc	120
ttctgcggtt	cattctaaca	taccaattgg	tcagaatatc	tacaaacttg	accaggcgag	180
gcaccacagt	ataaagccta	taagctgcc	tttcagtctc	aaagaagcca	atgagagact	240
gcatgaagga	caggatccac	cggtctgtaa	tggtggggct	ttctctaacc	gtgttctcat	300
tgtagagaaa	ttctattttc	tctccttct	ggagcctcag	aacgttctgg	attaagaagc	360
gataggcatt	gtacc					375

&lt;210&gt; 689

&lt;211&gt; 582

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (582)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 689

ggtacccaaa	gttaaatgac	ttacctgggc	tgtttagaaa	ctctctacct	agaaagattt	60
ccattaccgt	cagatgttag	gagaggatct	aacataggaa	aggtcaccag	ttgtcacaga	120
aaaagccaaa	gaacttaggt	ctagtgcctc	tttgccactg	acaaactaat	aacaccctct	180
agacatcctc	aagtccttct	ccttgctcag	gaattttctt	ctaccaggtc	ttttctacca	240
acttctctgt	ataactacat	cttactcatc	tttcaaagcc	cgactcagtt	gccccttcca	300
tctagaaaa	tttccagacc	aaactatccc	agcacatggt	tatgatctct	caaaccctctg	360
tgtttcccca	tccctgttgc	ccgttaaatt	ctgccacaag	ctcagaccga	ctctctattt	420
ggcttatttg	tgtctaattc	attgagttct	cctccaaagc	agagatcatg	cttcactcat	480
ttctgcatct	ncaggacctt	atgaatgaat	gaatgtgtga	attataagga	ttactaaagc	540
cncagggcct	gactcaaagc	caggacccta	gtaggngcct	gg		582

&lt;210&gt; 690

&lt;211&gt; 812

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (812)

&lt;223&gt; n = A,T,C or G

```

<400> 690
actaaagcgg atgggaatgt cgtttggcct ggagtcaggc aaatgctctc tggaggatct 60
gaaacttgcg aaatccctgg tgccaaaggc tttagaaggt tatatcacag atatctccac 120
aggaccttct tgggttaaactc agggactact tctgaactct acccaatcag tttcaaattt 180
agacctgacc actgggtgcc ccttacccca gtcaagtgt aaccaagggg tatgcttgga 240
tgcagaagtg gccttaacaa ctgggcagtt cctggcccca aacagtcacc agtccagcag 300
tgcggnctnt nactgnttcg agtcccgaag cgaagacccc ctggtcgttc aatgatgaan 360
atgaaggaan atgatgaagg agggattccc tncctcccaa gaattaaaga ccangaagaa 420
agccctacct tttcaaatat ggtgaatgcc tcaatggtgt ggtttggtaa ntgggtgaag 480
cctcnttggg ttttttgaaa atggaattgg ctttcaagtc cttttggccc tttgggttg 540
gcacttgggg ngggttcaan nggaaaaanc tttngnggaa aacncccat ttaggcccaa 600
attcnccatt gaaanggctt tgaaaaatgn atttggnaaa ttgnaaaagg ttnaacctt 660
aangggggna attgnaaaan tnttgggccc aaccngaacc ccnttnnaan gggnttttnc 720
cccaannaaa agcctggcnt tttttgaggg gaaaaaann gggggataaa nccccctaaa 780
aaaatttgcc cnmntnnaag ngccacntt tt 812

```

```

<210> 691
<211> 691
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

```

```

<400> 691
acctactata atacagtagc taacatgtat tgagcacaga ttttttttgg taaaactgtg 60
aggagctagg atatatactt ggtgaaacaa accagtatgt tcctgttct cttgagcttc 120
gactcttctg tgctctattg ctggcactg cttttctac aggcattaca tcaactccta 180
aggggtcctc tgggattagt taagcagcta ttaaatcacc cgaagacact aatttacaga 240
agacacaact cttcccccag tgatcactgt cataaccagt gctctaccgt atcccatcac 300
tgaggactga tgttgactga catcatttta tcgtaataaa catgtggctc tattagctgc 360
aagctttacc aagtaattgg catgacatct gagcacagaa attaaggnaa aaaaccaaag 420
caaaacaaat acatgggctg aaantaactt gatgccaaag ccaaggcact gatttctggg 480
natttgaact tanggcaaat cagagctaca cagacgccta cagaagggtc aggaagangc 540
agaagccttc aatttgaaag aaatttattg gcaccaaagt aagggccgga tnaaccttta 600
ggcnttttta nggagggcct tttaaaaagg ntccctggcc ggaacncntt angnggaatt 660
ccanccntgg gggccgtatt aagggaacctg n 691

```

```

<210> 692
<211> 271
<212> DNA
<213> Homo sapiens

```

```

<400> 692
cgaggtactg ctgctaccac tgggaagcgt gcgcctcttt cgggttttgt cccggccgcg 60
atccttctca ctcgactcct tgggtggcccc tttatctttt gagegatcct tggacttctc 120
atctgagcgg tctttgcgtt tggtaggtga aggagcccta gtgctggact ttttattatg 180
agaaacgatc cctaategat tgcaatttac gccgaagagc agcatcttcc ctccgccgcc 240
acctcctcct gctttctca gccgccgagg c 271

```

<210> 693  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 693

cgagggttttt	ttttgccgca	catgaaacat	tattttaatt	ggtttaaagt	ccctttataa	60
agagtgtctac	atgggtttaga	ttaaaggaaac	atataactat	tgagttacag	gggattttat	120
taattataaa	atgcaatcaa	tttaaattac	gtagggtttaa	gactagtccc	ttggataagc	180
ccaagcgaa	tttgtcttca	gattattaaa	attagtgtctg	taaatcaggg	tgggcaattc	240
acagcctttc	tgaactgact	gaactagagc	ttgcagtga	gtgttctgct	gagactgagc	300
accttacaga	tattttttctc	cagaagatgg	tgctgggttaa	taaaatcatc	acaattaggg	360
gaatgggttaa	gtggtctcta	ctgnngcaaa	tgccaactgn	tggaattcac	tttattgtag	420
aaaaacccaa	actgagactc	ttaagttttg	gttaacaatg	nggttctggg	atgaaaccaa	480
ctactggggc	actgnccagg	taggaaacca	ttctttcact	gggggtttcag	cataaatggg	540
aactggatgt	tnaaaggcng	ggaattaacc	cttttttaggc	caaaagaaaa	agcttaantg	600
gggntttacc	aangggntcc	ctggggccta	aattcaannn	tgggncctac	annngccnna	660
ancctggnt	aaacccgat	taacccttta	acctgggaac	ccaaccttta	aanggggggt	720
tttaaaaggg						730

<210> 694  
 <211> 700  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(700)  
 <223> n = A,T,C or G

<400> 694

cgagggttaca	aaccacaaag	acattggaac	actataccta	ttattcggcg	catgagctgg	60
agtcctaggc	acagctctaa	gcctccttat	tcgagccgag	ctggggccagc	caggcaacct	120
tctaggtaac	gaccacatct	acaacgttat	cgtcacagcc	catgcatttg	taataatctt	180
cttcatagta	atacccatca	taatcggagg	ctttggcaac	tgactagtcc	ccctaataat	240
cgggtgcccc	gatatggcgt	ttccccgcat	aaacaacata	agcttctgac	tcttacctcc	300
ctctctccta	ctcctgtctg	catctgctat	agtggaggcc	ggagcaggaa	caggttgaac	360
agtcctacct	cccttacagg	gaactactcc	accctggagc	cttcgtagac	acaccttggg	420
gttttttcga	aatatgggtt	gggttttttg	gctctttggg	tgaattaaaa	taaaatttaa	480
atgccttcac	gctnggatag	gtgccacatg	aactaccgag	nttcngaaaa	agaagggaga	540
actgacactt	cttanngntt	gcagactntt	aangggccct	taggactant	ngggcttttg	600
ggggtaaaag	gtncctctna	agaanccng	nacctggccn	ggggggcggt	naaangggga	660
attcnanccn	ctggggggccg	tactaagggg	accactnng			700

<210> 695  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

<400> 695  
 ggtacagatg gcactgacaa tcccctttct ggtggggatc agtatcagaa catcacagtg 60  
 cacagacatc tgatgctacc agattttgat ttgctggagg acattgaaag caaaatccaa 120  
 ccagggttctc aacaggctga ctctctggat gcactaatcg tgagcatgga tgtgattcaa 180  
 catgaaacaa taggaaagaa gtttgagaag aggcataattg aaatattcac tgacctcagc 240  
 agccgattca gcaaaagtca gctggatatt ataattcata gcttgaagaa atgtgacatc 300  
 tccctgcaat tcttcttgcc tttctcactt ggcaagggaag atggaagtgg ggacagagga 360  
 gatggccccct ttcgcttagg tggccatggg ccttcctttc cactaaaagg aattacncga 420  
 acagcaaaaa gaaggtcttg agatagtga aatgggtgatg atatctttag aagggtgaaga 480  
 tgggttggat gaaattttatt cattcatgag agtctgagaa aactgngccg tcttcaagaa 540  
 aattgagagg ctctccattca cttggncctg ccgactgacc atgggtccaa ttggctataa 600  
 ggttgcagcc tttaatcgat ttncngggna ggggttaaaag cttggncctg tgggttccaa 660  
 acctaaaaaa aannnnnnnn aaaaaanant 690

<210> 696  
 <211> 688  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(688)  
 <223> n = A,T,C or G

<400> 696  
 ggtacagaaa tgaggcgtcg cagaatagag gtcaatgtgg agctgagggg aagctaagaa 60  
 ggatgaccag atgctgaaga ggagaaatgt aagctcattt cctgatgatg ctacttctcc 120  
 gctgcaggaa aaccgcaaca accagggcac tgtaaattgg tctgttgatg acattgtcaa 180  
 aggcataaat agcagcaatg tggaaaatca gctccaagct actcaagctg ccaggaaact 240  
 actttccaga gaaaaacagc ccccataga caacataatc cgggctggtt tgattccgaa 300  
 atttgtgtcc ttcttgggca gaactgattg tagtccatt cagtttgaat ctgcttgggc 360  
 actcactaac attgcttctg ggacatcaga acaaaccaag gctgtggtag atggaggtgc 420  
 catcccagca ttcatttctc tgggtggcatc tccccatgct cacatnagtg aacaagctgt 480  
 ctgggctcta ggaaacattg caggtgatgg cttcaatggg nccagacttg ggtanttaag 540  
 acctggccgg ccggccgttc aaaaggccaa ntccacacct tggcgccgt ctannggatc 600  
 caactnggac caacttgggg naacatggca aactggttct tggggaaatg gttccgttcc 660  
 aattccccaa tttcaccgag gctaaagg 688

<210> 697  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 697  
 gcgggtcgcg gccgaggtac tcccgaattga agccccatt cgtataataa ttacatcaca 60  
 agacgtcttg cactcatgag ctgtcccccac attaggctta aaaacagatg caattcccgg 120  
 acgtctaaac caaaccactt tcaccgctac acgaccgggg gtatactacg gtcaatgctc 180  
 tgaaatctgt ggagcaaacc acagtttcat gcccatcgct ctagaattaa tcccctaaa 240  
 aatctttgaa ataggggccg tatttaccct atagcaccct ctctaccccc tctagagcca 300  
 aaaaaaaaaa aaaaaaaaaa aaaaaaagct tgtaccatct cccagtcctg gaggtcgccc 360  
 atgtgagacc caggtattgc agggctgggt gcttctgagg ctgaggtgtg tcccgtcttg 420  
 ctccaggccc ttcccagctg gtcttctccc tacatttgca gacngatggc catccgaagn 480  
 tgacatcacc tcctttgggg ctggctctgg gnccattggg aattaatggg ttanagacng 540  
 aattcactgg ggtgcttaag ctggggcttc aaaccggtag gnttaaacnn nnttntcttc 600  
 ttagccttcc aagtaactng atnccnggct taanccctg ggccanccc aaagtcccc 660  
 cttttttaan gggcctcttt ttaatngggg taaggncnc tggaaggatt cntnttaact 720  
 nggaaanct na 732

<210> 698

<211> 651

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 698  
 cgaggtgcca cgtaatgtcc cgtagtctgc tcatcccgct catgccagat ggattgtggg 60  
 gaaggtgatt gggacaaaaa tgcaaaagac tgctaaagt agagtgaacca ggcttgttct 120  
 ggatccctat ttattaaagt attttaataa gcggaaaacc tactttgctc acgatgccct 180  
 tcagcagtg acagttgggg atattgtgct tctcagagct ttacctgttc cagcagcaaa 240  
 gcatgtgaaa catgaactgg ctgagatcgt tttcaaagtt ggaaaagtca tagatccagt 300  
 gacaggaaaag ccctgtgctg gaactaccta cctggagagt cccgttgagt tcggaaacca 360  
 cccagctaag caaaaatctg gaagaactca atatctcttc agcacagtga agcgggagtg 420  
 gaagaaggat ctaaaggga aaactgacat gtttatgtta tggaaaaaga aattttctaa 480  
 gttcatcaca actgngtcag ttcttgnngg ttatgaatac taaaccaatg aataanggct 540  
 actatggttt taaaaaaaaa nnnaataaaa anaactgnct gccggggcgt naaggnaatn 600  
 accatgngcg tntntggnnc acttggccac ntggganngg cnantgtctg g 651

<210> 699

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 699  
 actgtagcat attaataccc tgtgaactgc aaaaaaccaa atacatttac agtagtattg 60  
 gtcacaaaaa tagaggggaa actttacaat tgtgagaatg tgtaaatgtt ctcattaagg 120  
 cagtattgac ccagacaacc atttagtatt catctatccc ctcaatgcct cataattctg 180

gaatgcctgt	tgtgaaacat	gtcagtgac	agtgtctcct	aaattctcac	acgtgcttga	240
ttttctgatt	catctgggtga	actgggagta	ggaagtgggt	catagacaat	atgccctcct	300
tctcttgtct	gaccaaagct	tgaagcaatc	acatctactg	ccaggttagc	tgtagtcttc	360
gcctcttcct	ctgaggtggc	caactgagga	ttgacttcaa	caagatccag	tgctgatagc	420
aacctgnat	tgggtattcc	tcagcaatat	acatgccttc	tcgatanggt	aagtcctccg	480
acacaggagt	tinctgtggt	tggagcccg	gtaggggcaa	atgcntnaat	atcnaaactt	540
caaattggaat	gggcttttgg	ctcttgccaa	tcancngaac	caaangttcg	ntcctgaac	600
cntttggaaa	cccagttnat	tcaanttnn	tcangggaaa	aaacctggga	atcnaagnct	660
tttaaaaaaa	aaggttcnga	ngggncnccg	tttttnaacc	aaaaaacc		709

&lt;210&gt; 700

&lt;211&gt; 656

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (656)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 700

ggtcagaacc	ttaaaggtttc	actgaatgcy	aaatgacgaa	atctagccct	ttgaaaataa	60
catgtttttt	agaagaggac	aaatccttaa	aagtaacatc	agacccaaag	gttgagcaga	120
aaattgaagt	gatacgtgaa	attgagatga	gtgtggatga	tgatgatatc	aatagtctga	180
aagtaattaa	tgacctcttc	agtgatgtcc	tagaggaagg	tgaactagat	atggagaaga	240
gccaagagga	gatggatcaa	gcattagcag	aaagcagcga	agaacaggaa	gatgcactga	300
atatctcttc	aatgtcttta	cttgcacat	tggcacaac	agttgggtgtg	gtaagtcag	360
agagtttagt	gtccacacct	agactggaat	tgaaagacac	cagcagaagt	gatgaaagt	420
caaaaccagg	aaaattccaa	agaactcgtg	tcctcgagct	gaatctggtg	atagccttgg	480
tctgaagatc	gtgacttctt	tacagcattg	atgcatatag	atctcaaaga	ttnaagaacn	540
gaacgtcttc	ataagcagtg	atgtccgaag	ganatgtctt	aaactgntga	aaaatancc	600
tcttgcagta	ttcacccgaa	gcggactatc	caatattcnc	nacgggttta	ctgcnn	656

&lt;210&gt; 701

&lt;211&gt; 716

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (716)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 701

ggtagcttga	cagggacgag	aggtcgaagg	agttgccagc	cccatctttg	aatgaacatt	60
cagtcagatc	gaaagggtggg	caggcatact	gcgttcgcca	ctcaaacaag	taggaacaat	120
ctgaagtctc	cttttagaaat	actggccgct	gggtgccgcg	gtcacagtag	aagaagatgg	180
ctgtggagcg	ctgataaacc	ttatggcaag	tgccccccc	gtgaagttca	tttttaacaa	240
gccattttca	taagttagct	tctgagtcag	gagacctgcc	actttgtgaa	atccctgcgg	300
ttcccgcttt	tcctgacatg	aggagaccac	cttggaacttg	ncacttggtg	gggcagacgt	360
ctgaggaaaa	gctttccaca	gaccccgaaa	gtaataaagt	gtattcgcca	gcgctnacga	420
atgggtgtcg	tgaagcccaa	gggcttnang	tcatacaagt	tgccatgccc	ttgggtcttt	480
caccttacaa	gttgncccn	ttcacttttg	acaacgggac	caggctttca	caagttttcc	540

aantaaccgcg	taccttggccc	nggccggccg	ttnnaaangg	gcnaattcca	nncacttggn	600
ggccgtacta	aggggatccc	aactttggac	ccaacttggn	gnaaanattg	ggcntaactg	660
gttccctggg	gnaaaaatgt	tcccgttcaa	aattcccncl	aantttgagc	cgggaag	716

<210> 702  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 702						
tgnatntgtc	agcggcgccg	tgtatgggtat	ctgnagaatt	cgccttttcca	gcggcgccgg	60
gcaggtactc	atcttatact	gaaagaacgt	gggtggctcta	aatatgaagc	tgcaaagaag	120
tggaattttac	ctgccgttac	tatagcttgg	ctggttgaga	ctgctagaac	gggaaagaga	180
gcagacgaaa	gccattttct	gattgaaaat	tcaactaaag	aagaacgaag	tttggaaca	240
gaaataacaa	atggaatcaa	tctaaattca	gatactgcag	agcatcctgg	cacacgcctg	300
caaaactcaca	gaaaaaccgt	cgttacacct	ttagatatga	accgctttca	gagtaaagct	360
ttccgtgctg	tggtctcaca	acatgccaga	caggctgcag	cctcccagca	gtaggacaac	420
cacttcagaa	ggagccctcg	ttacacctgg	atacaccatc	aaaattcctg	tccaaggaca	480
aactcttnaa	gccttccttt	gatgtgaagg	atgcacttgc	agccttgga	acttcangac	540
gtccagccac	agaaaaggaa	ccgagtcctn	ggccgcgacc	ccctaaggca	attcacacac	600
tggcggcgctc	tagggaccac	ttgggccaa	ttgngaactg	gctactggtc	tggggaatgtn	660
ccgtacatcc	ncaatnaccg	actaagtaac	tgggctnnng	gctatcn		707

<210> 703  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

<400> 703						
acctgccaga	attagcaaga	gctttcttta	agaagacatt	tgtcaaactc	aacaaattga	60
aggttaacac	cttaagagtt	gtagttactg	accagaaata	tggaacagact	tcttagactt	120
ggaggaggta	tgcttgact	gggccagggg	ccacctacag	atgctcctgc	agtggacaca	180
gcagaacaag	tctatatctc	ttccctggca	ctgttaaaaa	tgtaaaaaca	tgcccgctgt	240
ggagttccaa	tggaagttat	gggtttgatg	cttggaagaat	ttgttgatga	ttataccgtc	300
agagtgattg	atgtgtttgc	tatgccacag	tcaggaacag	gtgtcagtg	ggaggcagtt	360
gatccagtg	tccaagctaa	aatgttggat	atgttgaaca	gacaggaaag	cccgaatgg	420
ttggttggtt	ggatcacaaa	gtcacccctg	ctttgggttg	tggtttctg	gtgtggatan	480
tcaacacttn	agcagagctt	ttgaagcctt	ttccggaaaa	nagctttggc	antgggttgt	540
ggatcccttt	canaatggta	aaaggaaagg	ttggttaattg	atgccttcan	aatggancaa	600
ggctaaatna	agggttagg	acttgaaccc	ggacaanaan	tttaaattng	gncccttaaa	660
caagcctttt	ntcnggcttt	attttggtt	accnctttt	tnn		703

<210> 704

<211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 704

cgaggtactg	agggatagga	gagtatatgg	gtttggcacc	acaggggtggg	taggcaaaac	60
aatttggttg	ataaggctca	gacccctgaac	taacctgtaa	gggcttgctt	ggttcgagga	120
caggtgaaat	gggggaattg	taagtagagt	ttataggctt	taaaaggcca	tgctgtagca	180
ggcgagtgat	aacaggcttt	aatcttttta	aagcatgctg	tgggatggga	tattggcatt	240
gagcggggta	aggggtgatta	ggttttaatg	agatggtaag	gggtccatga	tcgggtcacca	300
aggagggagt	agagggtatct	tatacttggtg	ggttaagggtg	gggggatata	agaggaggac	360
gcanaggagg	ctttggattg	ggaaaaaagg	gcaccaatga	gatgtacctt	aatccaggaa	420
tagtcaggga	aacnnatagt	tanttaaaag	tgtctcggct	aatangggac	tgggcagtg	480
ggatactaaa	aaggatgctt	aaaaagtatg	nctaagttgc	accnnattna	ngagttttaa	540
aaggttaaaa	acttgctggn	aatcctanca	ccnttttgga	gcnagaaaac	aggcccttna	600
aanaaggtat	ntgaatggga	accccntntt	aaaaggggcg	gcntaatctt	cctgnaaagt	660
cttnaactnt	nnaaggccct	acn				683

<210> 705  
 <211> 463  
 <212> DNA  
 <213> Homo sapiens

<400> 705

ctgaaagtcg	atgaaggacg	cgattacctg	cgataagctt	cgtggagttg	gaaataaaact	60
atgatacgga	gatttccgaa	tggggtaacc	taactgagca	aacctcagtt	gcattttgat	120
gaatccatag	tcaaattagc	gagacacgtt	gcgaattgaa	acatcttagt	agcaacagga	180
aaagaaaata	aataatgatt	tcgtcagtag	tggcgagcga	aagcgaaaga	gccccaacct	240
gtaaaaagg	gttgtaggac	atcttacatt	gagttacaaa	attttatgat	agtagaagaa	300
gttggaagc	ttcaacatag	aaggtgatat	tcctgtatac	gaaatcataa	aatctcatag	360
atgtatcctg	agtagggcgg	ggcaccgtga	aacctgtctt	gaatctgccg	ggaccaccgg	420
gtaaggctaa	atactaatac	gacaccgata	gtgaactagt	acc		463

<210> 706  
 <211> 651  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(651)  
 <223> n = A,T,C or G

<400> 706

actatagcat	ctgtggaaaa	tcttagaaaa	aaacattttc	tccccacccc	tctctcttcc	60
ctgttaagac	catcccaaaa	tgcttcaagt	aaaaaataac	aagtttaagg	ggttaagcac	120
ttttaaagtc	tgattaagg	gggtggggga	aaaaagagta	actaccagcc	attctccaa	180
tggacatctc	ttccacagac	ctcaacgtga	gaactgctct	agtttctata	aactgtaaac	240



```

ctgtgggtggt ctgattatcc tgatattgga ttttcttggt ttctgttaca ccttgagtca      300
tttgcccttta ggattctaga cagacctaaag ggaaaaaagaa ctgaaaacat attttgcccc      360
cacccccaca aaaaaaaata ctgaaaactc cccccgcct cagttacaca tccaaactct      420
acattttacaa aacgaattca gggtgaggaa gtaaaacagg tcatctattc acaaaactga      480
aatacttcat taccccaact aaacatacaa actgnntaca gattgctgaa atgggtcaat      540
ttggctatca aattcatttg ggtttcctca aatcgngtaa aaaaaaaaaa aaaaaaagct      600
tggncctnng ccgnaacacn cttangggca aatccanccc ctggngngcc g              651

```

```

<210> 707
<211> 625
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

```

```

<400> 707
ggtggcggct cgggacggag gacgcgctag tgttcttctg tgtggcagtt cagaatgatg      60
gatcaagcta gatcagcatt ctctaacttg tttgggtggag aaccattgtc atatacccg      120
ttcagcctgg ctccggcaagt agatggcgat aacagtcacg tggagatgaa acttgctgta      180
gatgaagaag aaaatgctga caataacaca aaggccaatg tcacaaaacc aaaaagggtg      240
agtggaaagta tctgctatgg gactattgct gtgatcgtct tttcttgat tggatttatg      300
attggctact tgggctattg taaaggggta gaaccaaaaa ctgagtgtga gagactggca      360
ggaacccgag tctccagtga gggaggagcc aggagaggac ttctgcaca cgtcgcttat      420
attgggatga cctgaagaga aagttgtcgg agaaactggc agcacagact tcaccagcac      480
catcaagctg ctgaatgaaa atcatatgtc cctcgtgang ctggatctca aaagatgaaa      540
atctgcttga tgttgaaatc aattcgtgaa ttaactcaca agttgcgtga cacatttgta      600
aatcngcaaa cacntnaaac tgggn              625

```

```

<210> 708
<211> 209
<212> DNA
<213> Homo sapiens

```

```

<400> 708
actgttccat ctggaagtca agattggtgc cacctaagtg ggttctctgct gcaaggaact      60
taaggacatc ctctctcttc atttgcagga catcaagggc tccggacatt gtgaaagttt      120
ccctttaagt tacgacggga atccagaaca acgccgtatg gacccctctg caggtagcac      180
ggaaaaaaaa aaaaaaaaaa gcttgatcc              209

```

```

<210> 709
<211> 643
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

```

```

<400> 709

```

ggtactcctt	agagccagtt	gctgtagaac	tcaaactctt	gctgggcaag	gatgttctgt	60
tcttgaagga	ctgtgtaggc	ccagaagtgg	agaaaagcctg	tgccaaccca	gctgctgggt	120
ctgtcatcct	gctgggagaa	ctccgctttc	atgtggagga	agaagggaag	ggaaaagatg	180
cttctgggaa	caagggttaa	gccagagccag	ccaaaataga	agctttccga	gcttcacttt	240
ccaagctagg	ggatgtctat	gtcaatgatg	cttttggcac	tgctcacaga	gcccacagct	300
ccatggtagg	agtcaatctg	ccacagaang	ctgggtgggt	tttgatgaag	aaggagctga	360
actactttgc	aaaggccttg	gagagcccag	agcgaccctt	cctggccatt	ctnggcggac	420
taaagttgca	gaccagatcc	agctcatcaa	taatatgctg	gacaaaagtc	aatgagatga	480
ttattggtgg	tggaaatggc	tttaccttcc	ttaangngct	caacaccatg	gagattggca	540
cttctctggg	tgatgaaaaa	gggncccaga	ttgcaaagac	tnatgtccaa	actgagaaaa	600
agggntgaan	ataccttgcc	tgtgctttgc	nctgttncaa	ttg		643

&lt;210&gt; 710

&lt;211&gt; 390

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 710

ggtactcttc	tagcatttag	atctacactc	tgcagttaaa	gatggggaaa	ctgagggcag	60
agaggttaac	agatttatct	aagggtcccca	gcagaattga	cagttgaaca	gagctagagg	120
ccatgtctcc	tgcatagctt	ttccctgtcc	tgacaccagg	caagaaaagc	gcagagaaat	180
cggtgtctga	cgatttttga	aatgagaaca	atctcaaaaa	aaaaaaaaaa	gaaaagagaa	240
aaaaaagact	agccagccag	gaagatgaat	cctagcttct	tccattggaa	aatttaagac	300
aagttcaaca	acaaaacatt	tgctctgggg	ggcagggaaa	acacagatgt	gttgcaaagg	360
taggttgaag	ggacctctct	cttaccaagt				390

&lt;210&gt; 711

&lt;211&gt; 683

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(683)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 711

cgagggtcaag	aaggcagccc	gagaagaaac	gggaggacaa	agctaagaag	aagcacgaca	60
ggaaatccaa	acgcctggat	gaggaggagg	aggacaatga	aggcggggag	tgggaaaggg	120
tccggggcgg	agtgccgttg	gttaaggaga	agccaaaaat	gtttgccaa	ggaactgaga	180
tcacccatgc	tggtgttatc	aagaaaactga	atgagatcct	acaggcacga	ggcaagaagg	240
gaactgatcg	tgctgcccag	attgagctgc	tgcaactgct	ggttcagatt	gcagcggaag	300
acaacctggg	agagggcgtc	attgtcaaga	tcaagttcaa	tatcatcgcc	tctctctatg	360
actacaaccc	caacctggca	acctacatga	agccagagat	gtgggggaag	tgccctggact	420
gcatcaatga	gctgatggat	atcctgtttg	caaatcccaa	catttttgnt	ggggggagaat	480
attcttggaa	gaaaagtggg	aacctgcaca	acgctgaccc	agcccttgcg	tgtccctggc	540
ttgcatnctn	acttttgggt	ggaaccnaat	gggttaaaga	aattanccca	ataatgccaa	600
atacttgacc	cttanttccc	aaaaatacct	tgcccggggc	ggcccnttca	aaaggggcaa	660
attccancnc	ccttgggggg	cgc				683

&lt;210&gt; 712

&lt;211&gt; 605

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(605)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 712

ggtacaagct	tttttttttt	tttttttttt	tttctaaaca	atagtgcctt	attgataaaa	60
ggttagttta	aatggataca	aaattgctgt	gtaaaataag	tgttttcaaa	atacatttct	120
ataggtagag	actatgtctt	agtaaaagag	cagttatcta	ttatcaaaaag	tatctattta	180
natttgggta	gtaaaaccaa	aggggatcag	aagtgtanca	gtgtgggtcc	tccctccctg	240
catagctgtt	accaggaggc	agcgtgcctg	aagtacttgg	aggaacgaag	aataaaggag	300
attgtgaaga	aacattctca	gcttattgga	tatcccatta	ctctttttgt	ggagaaggaa	360
ccgtgataaa	gaagtaagcg	atgatgaggc	tgaagaaaag	gaagaccaag	agaagaata	420
ngaanaagaa	gagaaagagt	cggaagacaa	acctgaaatt	gaanatgttg	gtctgatgag	480
gaagaaaaaa	gaagggtggtg	cnagaagaan	anaagaagat	taggaaagtc	ctgccggcgg	540
ccgtcaangc	aatccaccct	gcggcgtcta	ngaccactgn	ncactgngat	atgctctgtc	600
tggnna						605

&lt;210&gt; 713

&lt;211&gt; 376

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 713

ggtaccaagg	ttattgatca	agtcagcctt	ggtcattcca	attccagtat	ccacaatagt	60
gagagttcga	tcttggttgt	tcggtataag	gttaatatgc	agctctttcc	cagagtctaa	120
tttactggga	tctgtcaagc	tttcataccg	gattttgtcc	aatgcatctg	atgaatttga	180
aatgagctct	ctcagaaaga	tctctttgtt	cgagtagaaa	gtattgatga	tcaatgacat	240
caactgggca	atttctgcct	gaaaggcgaa	cgtctcaacc	tcctcctcct	ccatcggttg	300
gtcttgggtc	tgggtttcct	caggcatcct	ggctaagtga	cccgcacagg	accaacggca	360
cagccacacc	gacctg					376

&lt;210&gt; 714

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 714

cgaggtacca	aggttattga	tcaagtcagc	cttgggtcatt	ccaattccag	tatccacaat	60
agtgaagatt	cgatcttggt	tggtcgggat	aagggttaata	tgcagctctt	tcccagagtc	120
taatttactg	ggatctgtca	agctttcata	ccggattttg	tccaatgcat	ctgatgaatt	180
tgaaatgagc	tctctcagaa	agatctcttt	gttcgagtag	aaagtattga	tgatcaatga	240
catcaactgg	gcaatttctg	cctgaaaggc	gaacgtctca	acctcctcct	cctccatcgg	300
ttggtcttgg	gtctgggttt	cctcaggcat	cttggctaag	tgaccgcaca	ggaccaacgg	360
cacagccaca	ccgacctg					378

&lt;210&gt; 715

&lt;211&gt; 310

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(310)  
 <223> n = A,T,C or G

<400> 715  
 actttttgagt gtgtgtgtgc atgtgtgtgt gtgtgtgtgt gtgtgtgtat gtgagagatt 60  
 ctgtgatctt ttaaagtgtt acttttttgta aacgacaaga ataattcaat tttaaagact 120  
 caaggtggtc agtaaataac aggcatttgt tctactgaagg tgattcacca aaatagtctt 180  
 ctcaaattag aaagttaacc ccatgtcctc agcatttctt ttctggccaa aagcagtaaa 240  
 tttgctagca gtaaaagatg aagttttata cacacagcan aaaaaaaaaa aaaaaaaaaa 300  
 agcttgtagc 310

<210> 716  
 <211> 624  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

<400> 716  
 ggtaccgatt gccaggtgt ggtctcctcc cagtgtgaca cggctgtagc catctgacac 60  
 agctctgcta accacctcag ccagttcctg gttggcaaga cccactgagc gtggattcac 120  
 tatcaggttg ttgtagagat catctttggg gactggagta aaattcaaatt ctccaaagtc 180  
 ttttaggtgg cagcccaaac tggagagcct ttccatcaag ccagcttctc ttatggcagc 240  
 gggaccatgc tccactccgt ttcttttctg tccttgtgag aacggggctc ctatcacagc 300  
 cacggagtgg acggatttct tcaggatgga atgcactcgc gtctggagga gacgcgagag 360  
 gctgccctta gggacatgat cccgcagcac tgagaatctc caaggcagag gctccacatg 420  
 gccgggggtgt tgaaggtctc aaacataatc tgagtcactc tctctctgtt ggccttgggg 480  
 ttcaaggggg cctcggcaca gcactgggtg ctcttncggg ccacgcgcac ttgtgtaaaa 540  
 gtgngtgcca nactttcatg cgnccaattg gngaccatcc tctnatggga ctgccggggc 600  
 cgttnaaggg gaatcacnt ggng 624

<210> 717  
 <211> 652  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(652)  
 <223> n = A,T,C or G

<400> 717  
 cgaggtaaaa aaattagctg ggtgtcgtga tgggtgcctg taatcacagc tatgtgggag 60  
 gctgaggcag gagaattgct tgaacctggg aggcgaagg tgcagtgagc caagatcacg 120  
 tctactgact ccagcctctt tgacagagtg cgactctgtc tcagaaaaaa aaaaaaaga 180  
 aagaaaagag attacatatt atttagaaaa cagcagctaa acagtctttg ggtctctggc 240  
 aaagatgaag tgagccagtc ttcttccgac taaatcacca actggacaaa gttctcagct 300  
 ggaaaacact ccccttctgg gatcctgcgc ccagaagtgg tagcaagaac ttcttggaat 360

agaatggagc	agaaccttcc	tgagcctgag	gaaccaacaa	aaagtcaaag	aatgaactct	420
ttcgaacaca	aaataaaaatt	tctcaaagcc	caggatcatgc	tttttctgta	aatctttatc	480
cctgcgtcag	tatggacatg	acatagtcca	gagagaaaat	tctcagccta	ccttatgcnc	540
aagaaaatgc	catgatgccg	ccagcttggt	gatgcccncg	gacantgctn	ttgangggccg	600
gaaaataggn	ctgcagcngg	gaaccaaagg	ctgttnncc	gnttctttaa	ag	652

<210> 718  
 <211> 544  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(544)  
 <223> n = A,T,C or G

<400> 718						
cacagagggga	gtgaggtgca	tttgagctca	gctttcgctc	accactaaga	tggatgcaga	60
gcatccggaa	ctcaggagtt	acgctcagag	ccaagggttg	tggacgggag	agggcgagtt	120
caatttttcc	gaagtctttt	ctccagttga	ggatcatcta	gactgcgggtg	ctggcaaaga	180
cagcttagaa	aaacaagaag	aaagcatcac	agtgcagact	atgatgaaca	ccttacggga	240
caaagcccagc	ggagtgtgca	tagactctga	gtttttcttc	accacagcca	gtggagtgtc	300
tgtcctgccg	cagaatagaa	gctctccgtg	cattcactac	ttcactggaa	cccctgatcc	360
ttccaggtcc	atattcaagc	ttttcatctt	tggtgatgac	gtaaaacttg	tccccaaaac	420
acaagtctcc	ctgttttggg	ggatgacgac	ccttgccaaa	aaggagcctc	gggttnccag	480
agaaaccnga	accggccggc	attgaacctg	tacctgncc	gggcccggcg	nttcnaangg	540
gcga						544

<210> 719  
 <211> 626  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(626)  
 <223> n = A,T,C or G

<400> 719						
accaaagaaa	agctgaacag	gaaaatgaga	agagaagaaa	tgtagaaaat	gaagtttcta	60
cattaaagga	tcagttggaa	gacttaaaga	aagtcagtca	gaattcacag	cttgctaattg	120
agaagctgtc	ccagttacaa	aagcagctag	aagaagccaa	tgacttactt	aggacagaat	180
cggacacagc	tgtaaagattg	aggaagagtc	acacagagat	gaacaagtca	attagtcagt	240
tagagtccct	gaacagagag	ttgcaagaga	gaaatcgaat	tttagagaat	tctaagtcac	300
aaacagacaa	agattattac	cagctgcaag	ctatattaga	agctgaacga	agagacagag	360
gtcatgattc	tgagatgatt	ggagaccttc	aagctcgaat	tacatcttta	nagaggaggt	420
gaacatctca	acataatctc	gaaaaagtgg	aaggagaaaag	aaaagagctc	aagacatgct	480
taatcactca	gaaaaggaaa	gaatatttag	agatagattt	aactacaact	taaatcnttc	540
acacggtaga	ccagangtaa	tgacccccagt	accaagctcg	ttactgcaac	atcatntttg	600
agaggcaagc	ttggcatggg	taaaaa				626

<210> 720  
 <211> 469

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(469)  
<223> n = A,T,C or G

```

<400> 720
ggtactcttt agcattaaat tacatcgtgc atatacaact acacccattt agatttgctt      60
tggaatataa tttcaaggcc ttaaataatta aaaataattt tataactatt tcatagttaa      120
attggctctt aaatagtttt gctagggagg aaacattttg tgttctttaa gaaattgata      180
tgtgtaaatg tggtcactta aatcttgaga aaacctaagg atgaagtctg ttgttttggt      240
tttcctaaaa aaggaaaaaa gaaccaaaga aaaatgttga agaacaagaa tatttaccat      300
taaaaagaag aaacattatc caacaaaaag gagacatata gatttgaaaa cacttatttt      360
actgncttca acaacaacaa caaacagata ggcaggggaa gtccagagga ctcagaattg      420
aagcagctct atacaataat gaaggtggac ctgccggggc ggcgctcga      469

```

<210> 721  
<211> 644  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(644)  
<223> n = A,T,C or G

```

<400> 721
acaagggtcaa tctcacttcg agtgaccaca atccggacca ggggtggagtc atctgtgcc      60
gcacctttca tagcatagta gagcctctca gcaaagaagg cagggcggtt cagggcacac      120
tgcaagatgg tcttcaaacc actttctaca tatccggaaa actcacggct cacactgctt      180
aacaagtctc gattagccat cctagaataa gcctccatgg tagctctcag ctgaggaaag      240
cttcttggtg caaggatcat gttaaagcaa gattcatcgg tccctagtct cccctcacca      300
gcttgataga gacgctgagc atcttcctga gccatttggt ggtttatact ctggttctca      360
tcacgatttc cctggcacat ggacacaagt aaacggttcaa aatgtcctga tgtatctgac      420
ctaagncct tttcaaggtc tcgtccaaat tctgactgat aacatctgac aatttctcgg      480
atttcctgat ttgggtcttgn gcacaaaatc ttcaatcaat acaccgttcc tgagttcctg      540
ntnctgcat tgnnttccga agcttcaggc atcgnaatcc taggangctt gaaaaggccn      600
ggatcagttt ttcctattcn cttactttga ttgaaacntt gata      644

```

<210> 722  
<211> 510  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(510)  
<223> n = A,T,C or G

```

<400> 722
cgagggtcgga gatctcgccg gctttacgtt cacctcgggtg tctgcagcac cctccgcttc      60

```

ctctccctagg	cgacgagacc	cagtggctag	aagttcacca	tgtctattct	caagatccat	120
gccagggaga	tctttgactc	tcgcgggaat	cccactgttg	aggttgatct	cttcacctca	180
aaaggtctct	tcagagctgc	tgtgcccagt	ggtgcttcaa	ctggtatcta	tgaggcccta	240
gagctccggg	acaatgataa	gactcgctat	atggggaagg	gtgtctcaaa	ggctgttgag	300
cacatcaata	aaactattgc	gcctgcccctg	gttagcaaga	aactgaacgt	cacagaacaa	360
gagaagattg	acaaactgat	gatcgagatg	gatggaacag	aaaataaatc	taagtttggt	420
gccaacgcca	ttctgggggt	gtcccttgcc	gctgcaaaagc	tggtgccgtt	gagaangggg	480
tcccctgtac	ctgccnggcg	gccgtcgaaa				510

<210> 723  
 <211> 640  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (640)  
 <223> n = A,T,C or G

<400> 723						
ggtaccaagc	gtatcagcat	tcacctcctt	gcctcacatg	ccagtgggct	caatcacaac	60
cctgcctgtg	aatctgtaat	tgactcctca	acatttgagg	aaggcaaagc	tccaggtecc	120
ccttttccct	aaactcttgg	catagccaac	gtggccaccc	gcctctcttc	catccagctg	180
ggccagtctg	agaaggagag	acctgaggag	gccagggagc	tggaactcatc	tgatagggat	240
attagttcag	ctactgacct	ccagccagat	caggctgaga	ctgaagatac	agaagaagaa	300
ctagtagatg	gttttgaaga	ctgntgtagc	cgtgatgaga	atgaagagga	ggagggagac	360
tcagagtgtc	cctcattaag	tgctgctccc	ccagcgaatc	ggtggccatg	atctctagaa	420
ctgtatggaa	attctgacca	aacccttttc	caatcatgag	aaaagttgtc	cgaccagcct	480
catctacagc	tctttccaac	gttcccctac	catctatttt	ggcactcggg	atgaaaaant	540
ggagaaactt	tcttgggaac	cnangaagtt	gcttcnatgg	aagatgagcn	cagggacccc	600
aacattgcaa	ccnaccattg	gacggncccc	tttaaatang			640

<210> 724  
 <211> 593  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (593)  
 <223> n = A,T,C or G

<400> 724						
ggtacctgcg	cgccctcgac	gtcaatgtgg	ccttgcgcaa	aatcgccaac	ttgctgaagc	60
cagacaaaga	gatcgtgcag	gacggtgacc	atatgatcat	ccgcacgctg	agcactttta	120
ggaactacat	catggacttc	cagggttgga	aggagtttga	ggaggatctg	acaggcatag	180
atgaccgcaa	gtgcatgaca	acagtgaact	gggacggaga	caagctccag	tgtgtgcaga	240
agggtgagaa	ggaggggctg	ggctggaccc	agtggatcga	gggtgatgag	ctgcacctgg	300
agatgagagt	ggaagggtgtg	gtctgcaagc	aagtattcaa	gaagggtgcag	tgaggcccag	360
gcagacaacc	ttgtcccaag	gaatcagcag	gatgtgtggg	ccaggatccc	cttttgcaca	420
gcatgaggca	aaaatgtcca	ccacccccag	cattgttagc	agatctgtct	ttgctttgca	480
cttttctttc	ttaaacaaac	ctgcataagt	gatctgtgtt	agaaaaactg	ccggcgccca	540
agcaatcacc	atgcgcgtct	atgaccactn	nncactgcna	tatgctantg	tct	593

<210> 725  
 <211> 606  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(606)  
 <223> n = A,T,C or G

```

<400> 725
acngcagctg ctccacggcc ccagcacgaa atgtatcaca ggcagcaatg aggacactga      60
agccattctc taacaaccag aaggaaatct tggcaagatt agtagatttc cccactccat      120
taacgccgca gaaggtgacg acataagggc gctggcgacg ctgggcatcc atgatgtccc      180
ggagcatgtc tacacgacgc tgtggctgca gaatctgcac cagggactcc tgtagggctt      240
gctttactgt ggaagtcacc gtgctgaacg tccccatcac cttcccttcc aacttggttg      300
caacagattc acagagctgg acggcaatgt ctgcagccac gttcttagca atgagatgat      360
cacgcatctt gtccagcaca gattccatgt cttcacgact caagctcttt gaaccacaaa      420
ggcccttcag cataccaaac atgccaccca gtgttccttg gtcgcactan gtttggtaga      480
gttttgagca gcccttcgtc atcaanctgt gcattccagat ctgaactgcc ccagaccagc      540
cttgaatagg tgatgcctaa caggagctag ggtcatgnng tggagactgg cgncacctag      600
gcaatc                                         606
  
```

<210> 726  
 <211> 594  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(594)  
 <223> n = A,T,C or G

```

<400> 726
accacatcat ccatgctgac atctaccgct ggtttaacat ttcgtttgat attttttggtc      60
gcaccaccac tccacagcag accaaaatca cccaggacat tttccagcag ttgctgaaac      120
gaggttttgt gctgcaagat actgtggagc aactgcatg tgagcactgt gctcgcttcc      180
tggctgaccg cttcgtggag ggcgtgtgtc ccttctgttg ctatgaggag gctcggggtg      240
accagtgtga caagtgtggc aagctcatca atgctgtcga gcttaagaag cctcagtgtg      300
aagtctgccg atcatgccct gtggtgcagt cgagccagca cctgtttctg gacctgccta      360
agctggagaa gcgactggag gagtggttgg ggaggacatt gcctgcagtg actggacacc      420
caatgcccag ttatcaccgg ttcttgcttc nggatggcct caaccacgct gataacccga      480
gacctcaatg gggaaacctgt cctcggcgga cacctaggca atcacacact gcggccgtct      540
agtgatccac tcgaccactt gcgatatgga tantgtctgg taatgatcgt acat          594
  
```

<210> 727  
 <211> 665  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (1) ... (665)  
 <223> n = A,T,C or G

<400> 727  
 gcgtgggtcgc gccgaggtgc cgtcaaggag tagaaattgg tatgcttaga agcagattct 60  
 aaaagcagtt tctcttcaga acatcttttt tcataccact tgataagcat cttgaaacac 120  
 catggctgta gctgcagtaa aatgggtgat gtcaaagaga actatcttga aacattttatt 180  
 tccagtccaa aatggagctt tataattgtgt ttgtcataaa tctacgtatt ctctcttacc 240  
 agatgactat aattgcaacg tagagcttgc tctgacttct gatggcagga caatagtatg 300  
 ctaccaccct tctgtggaca ttccatatga acacacaaaa cctatccctc ggccagatct 360  
 gtgcataata atgaagaaac acatgatcaa gtgctgaaaa ccagattgga agaaaaagtt 420  
 gaacaccttg aggaaagacc tatgatngaa ccacttancc aaatggctnt tactactaag 480  
 caccctggnn attcctcatg gacngnntac agatgtcnta agaactctgaa tcctccaaag 540  
 accgatgatg ccganggtcc tggggggatc aaaagaaaag ggncccatct gcatttggnn 600  
 aaagccanct ggggggtccn tattttttgt aaggaataat gntaaaaatc tttctntttt 660  
 anaag 665

<210> 728  
 <211> 624  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (1) ... (624)  
 <223> n = A,T,C or G

<400> 728  
 gggtaccag gcagtatctc tagagtcctt aacttaatat tagtaactaa agaaaagggt 60  
 tgcgctcgtt gcaggactta acctaacatc tcacgacacg agctgacgac aaccatgcac 120  
 catctgtcat tctgttaacc tccactatat ctctatagct ttgcagaaga tgtcaagagt 180  
 gggtaagggt ctacgcgtag aatcaaatta aaccacatgc tccaccgctt gtgcgggttc 240  
 ccgtcaattc ctttaaatct cactcttgct agcatactac tcaggcggat catttaacgc 300  
 gtttagctgcg ttagtgaaat tattccacca actaatgatc atcgtttacg gcgtggacta 360  
 ccagggtatc taatcctggt tgctcccccac gctttcgtcc cttagtgcaa tatataacca 420  
 gtttagctgcc ttgccttatt gggntcttcc taatatctac gcattccacc gcttcactag 480  
 gaattccgtt acctctttat aatctatttg gcagtatcca agcggctgaa gttgagctta 540  
 acatttactt cagacttaca aaaactacgc gcttacgccc aatattccga tacgttgac 600  
 natgattacc ggggtgtgcc aaaa 624

<210> 729  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<400> 729  
 actgacacac aaagtgcctt cactggacct tacagttctc actgccgttg gactccagtc 60  
 cagctttggg gctggggaca agtcggcctc gcttgaccct caggccctct ctggggctgt 120  
 cagtcggact tctctcagga agattattga ctgggacgga tttcgtggtg ggttctcgga 180  
 ggatggtgcc tgaatctact gggctccgct gagcaacttt gaccttttgt gatctgctgc 240  
 caccagctgt tggtttggag gactctgcaa gatcttcttt gccgagactc agtggggata 300  
 gcgctaactt ctgtgcaacc aggcgggggc tggctccagt tgccatggtt gttcttcgca 360  
 ggatatatgg gctaagtctt tcctgtcggg atgtcagcaa accctttctt tacaacttct 420

ggaagtcctt ctggctcaaa ctcagtacc

449

<210> 730  
 <211> 646  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (646)  
 <223> n = A,T,C or G

<400> 730  
 actcattaat cagggagcct caatccttagt aaaagattac attttgaaga ggacacctat 60  
 tcatgcagca gcaacaaatg gtcattcaga atgcttacgg ctattaatag gaaatgcaga 120  
 accacagaat gcagtggata ttcaagatgg aaatggacag acgcctctga tgctatctgt 180  
 tctcaacggg cacacagact gtgtttactc attgctgaac aaaggagcaa atgtagatgc 240  
 caaagataag tggggaagga cagcgttgca tagaggggca gttacaggcc atgaagaatg 300  
 ttagatgca ttacttcaac atggtgctaa gtgcttactt cgggatagca gggggccgga 360  
 cgcctataca cctgtctgct gcctgtggac acattggtgt tcttggagcc cttttgcagt 420  
 cagcagcacc tatggatgca aatccagcca cagcagacaa tcatggatat ccgnacttac 480  
 tgggcttgta caatggtcac gagacatgtg tagaactgnt tttagaacag gaagttttcc 540  
 agaaaacgga aggaaatgct tttagtccat tgcattgngc cgtgataaat gccaccaaag 600  
 ggctgttaaa ngttaattga tcnttanggg ccacattggg aacccc 646

<210> 731  
 <211> 639  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (639)  
 <223> n = A,T,C or G

<400> 731  
 acagacttgt ttttgagtgt tgagtagcag ggacaaaata aggggaatgtt attttttaag 60  
 aaaattcatt ttcattgttg tctccttcct tttctgtgaa agtccctcata ctgagaaatt 120  
 tgtatatatt atattaaatc acttactatt gatttttgtt gtgattttca aagggtggatt 180  
 cccacagata aaatcctggc tattgcccaa aacatagtaa agggtcacgt gtgacttttt 240  
 ataataaggaa gaaaattctg cctttgtgag tgcacatgtc cacatttcat cctccttcc 300  
 ctcaaaaccc tagagagggg cattaaagaa ttgttgatgt atatgcaatg tctgttaaag 360  
 catgcactat gtatttcac ctcatttatt gggctctggga ctgaagtttt taaccacat 420  
 ggacctaacc tacttttttg gataaaattc tctgtttggt acaggcaaaa tctgtgtatg 480  
 gcgtgaatgc catgggtcat tctgaatata ttttttctgg aatttatcat acacgatgtt 540  
 gcaatacgtg ctttggtttt taatttgaag ccaacttttc tactgttgaa agacattttt 600  
 gccaaactggn ccttctanaa tggagtctaa gttaggncg 639

<210> 732  
 <211> 538  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(538)  
 <223> n = A,T,C or G

<400> 732  
 ggtactcgtc ccttcaaaca gtaaacaaga aagtgcagac agtgctgcca gagacaggag 60  
 gattttcaca tgagactgaa aaagccgaca cacccttaca actaagtcac ggtcgaagtcg 120  
 gacctgccat ccacctccac cagtcctctgg aaccgaggcag gtcagagttt tctctaattc 180  
 tattccccgg catcaagtga aactagaac tcacacggaa ggccccgagc aaccactggc 240  
 ctcggggctg ggtgcaccca ctctcacc caggagattg tcacaaaaca cgctaggggg 300  
 cagagacgct gtaaactgga cacacacgga acacaatgcc ctttccactt acacagcgtg 360  
 gggatgataa aaaggaatct tttgagcaag tctataattt tacagaattt agaggtggga 420  
 aagatggcca attttccttc tttatgcctg gggcagacca cctgcttctg gggtaaagtg 480  
 tttgagaagg aaaaagacct tgnacctgcc nngggcggcg ctcgaaaggc caattcna 538

<210> 733  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 733  
 cgaggtaccc tatggcctat gttgactata agactgtgct gcagattgat gataatgtga 60  
 cgtcagccgt agaaggcatc aacagaatga ccagagctct catggactcg cttgggcctg 120  
 agtggcgctt gaagctgccc tcaatccccct tgggtgctgt ttcagttcag aagaggtgga 180  
 attccttgcc ttcggagAAC cacaagaga tggctaaaag caaatccaaa gaaaccacag 240  
 ctacaaagaa cagagtgctt tctgctgggg atgtggagaa agccagagtt ctgaagggaag 300  
 aaggcaatga gcttgtaaag aagggaacc ataagaaagc tattgagaag t 351

<210> 734  
 <211> 625  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(625)  
 <223> n = A,T,C or G

<400> 734  
 cgaggtacaa tccttgacct tgtgcattat agcattccat tagcaagagt tgtaccatcc 60  
 ttcattccaaa tggcaacatc acagagctcc tcctgaagga aggtttcgca cgctgtgtgg 120  
 actggtcgat tgcagtttac accgggggag cagaaaagct gagggcgga gagaggtttg 180  
 ccaaagagcg caggctgaga atatggagag actatgtggc tcccacagct aatttgacc 240  
 aaaaggacaa gcagtttgtt gccaaagtga tgcaggttct gaatgctgat gccattgttg 300  
 tgaagctgaa ctgaggcgat tacaagacga ttcacctgtc cagcatccga ccaccgaggc 360  
 tggaggggga gaacacctag gataagaaca agaaactgcg tcccctgtat gacattcctt 420  
 acatgtttga ggccccggga atttcttcga aaaaagctta ttgggaaaaa gtcaatgtga 480  
 cngtggacta cattagacca ccagcccagc cacagagaca gtgctgcctt tcaaactgcc 540  
 tgccgggagg ccgtcaaagg cnattcacca tggcggcgtc tatggaccac tcggaccact 600  
 gggaactggc tactgtctgg gaatg 625

<210> 735

<211> 677  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (677)  
 <223> n = A,T,C or G

<400> 735  
 actttctatg agaagcgtat gaccacagaa gttgctgctg acgctctggg tgaagaatgg 60  
 aagggttatg tgggtccgaat cagtgggtggg aacgacaaac aaggtttccc catgaagcag 120  
 ggtgtcttga occatggccg tgtccgcctg ctactgagta aggggcatte ctgttacaga 180  
 ccaaggagaa ctggagaaag aaagagaaaa tcagttcgtg gttgcattgt ggatgcaaat 240  
 ctgagcggtt tcaacttggg tattgtaaaa aaaggagaga aggatattcc tggactgact 300  
 gatactacag tgcctcgccg cctggggcccc aaaagagcta gcagaatccg caaacttttc 360  
 aatctctcta aagaagatga tgtccgccag tatgtttaa gaaagccctt aaatanngaa 420  
 ggtaagaaac ctaggaccaa agcaccaaga ttcaanngtc ttggtactcc acgtgtcctg 480  
 cagcaciaaac cggcggtgta ttgctntnna aaaaccagcg taccttnggc cgngaacacc 540  
 cttangggcg aattttccagn ccacttggcn ggccgntnct aatgggaatc cancttcggg 600  
 acccannctt ggcggaatca tgggcatanc ttggttcctt ggggtgaaaat ggtattccgt 660  
 tcaaaattcc nccaann 677

<210> 736  
 <211> 651  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (651)  
 <223> n = A,T,C or G

<400> 736  
 ggtactattg aagaactggc tccaaatcaa tatgtgatta gtggtggagt agctattctt 60  
 aattctacaa ccattgaaat ctgagagctt cccgtcagaa catggaccca gacatacaaa 120  
 gaacaagtgc tagaaccat gttgaatggc accgagaaga cacctcctct cataacagac 180  
 tatagggaat accatacaga taccactgtg aaatttgttg tgaagatgac tgaagaaaaa 240  
 ctggcagagg cagagagagt tggactacac aaagtcttca aactccaaac tagtctcaca 300  
 tgcaactcta tgggtgctttt tgaccacgta ggctgtttta agaaatatga cacgggtgtg 360  
 gatattctaa gagacttttt tgaactcaga cttaaatatt atggattaag aaaagaatgg 420  
 ctctaggaa tgcttggtgc tgaatctgct aaactgaata atcagggtcg ctttatctta 480  
 gagaaaatag atggcaaaaat aatcattgga aataagccta agaaagaatt aattaaagg 540  
 ctgattcaga ngggatatga ttcggatcct gtgaaggcnt ggaaagaaac ccannaaang 600  
 gttcngatta agaaaaaaat naanaagagn gccancaaag gaacttgaaa n 651

<210> 737  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<400> 737  
 cgagggtactg tgtggccacc atgccatgtc tagagccagg ctcccgttgt tggccatgcc 60

ttgcttttgag	gcttttggtc	tgcacgagac	gccgcagaga	acgtcttgat	gcctcgetcc	120
ccttatcctc	accacttcct	tcttaggggt	ggaaatgctg	gatcaaaggg	tcttcacgtt	180
ttctgacttt	tccacgcatg	gggttagcct	gtgctccgga	gacctgtga	gcacacatgt	240
ccccagcgca	gcttgtgact	cctgcctctc	tgaccccgcc	aggtggatta	caaagctgac	300
gagtggctga	tgaagaacat	ggatccccctg	aatgacaaca	tcgccacact	gctccaccag	360
tcctctgaca	agtttgtctc	ggagctgtgg	aaggatggta	cctg		404

&lt;210&gt; 738

&lt;211&gt; 250

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 738

acatcaaaga	ttacatgaaa	tcaatcaaag	ggaaacttga	agaacagaga	ccagaaagag	60
taaaacccttt	tatgacaggg	gctgcagaac	aaatcaagca	catccttgct	aatttcaaaa	120
actaccagtt	ctttattgggt	gaaaacatga	atccagatgg	catggttgct	ctattggact	180
accgtgagga	tgggtgtgacc	ccatatatga	ttttctttaa	ggatggttta	gaaatggaaa	240
aaaaaaaaacc						250

&lt;210&gt; 739

&lt;211&gt; 582

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(582)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 739

acagtaagga	caacccccaac	ctgctgttca	acatgtgtgg	cttcgagtgc	cgcatectgc	60
ctaagtgccg	caccagctat	gaggagttca	cccacaagga	cgggggtctgg	aacctgcaga	120
atgaggttac	taaggagcgc	acagctcagt	gtttcctgcg	tgtggacgat	gagtcfaatgc	180
agcgtctcca	caaccgcgtg	cgtcagattc	tcatggcctc	tgggtccacc	accttcacca	240
agatttgtgaa	taagtggaaat	acagctctca	ttggccttat	gacatacttt	cgggaggctg	300
tgggtgaacac	ccaagagctc	ttggacttac	tgggtgaagtg	tgagaacaaa	atccagacac	360
gtatcaagat	tggactcaac	tccaagatgc	caagtcggtc	cccccggttg	tgttctacac	420
ccctaaggag	ttgggtggac	tcggcatgct	ctcaatgggc	catgtgctca	tnccccaatc	480
cgacctcagg	tgggtccaaa	cagacngatg	taggtatcac	acactttcgt	tcaggaatga	540
gccttgaaga	agaccactta	ttcccacttg	nacctcggcc	gg		582

&lt;210&gt; 740

&lt;211&gt; 576

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(576)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 740

ggtaggacac	cgaacccctg	attcagacag	caaaaaccac	gctgggctcc	aaagtgggtca	60
------------	------------	------------	------------	------------	-------------	----

acagttgtca	ccgacagatg	gctgagattg	ctgtgaatgc	cgctctcact	gtagcagata	120
tggagcggag	agacgttgac	tttgagctta	tcaaagtaga	aggcaaagtg	ggcggcaggg	180
tggaggacac	taaactgatt	aagggcggtg	ttgtggacaa	ggatttcagt	caccacacaga	240
tgccaaaaaa	agtggaagat	gcgaagattg	caattctcac	atgtccattt	gaaccacca	300
aacccaaaaa	aaagcataag	ctggatgtga	cctctgtcga	agattataaa	gcccttcaga	360
aatacgaaaa	ggagaaattt	gaagagatga	ttcaacaaat	taaagagact	ggtgctaacc	420
tacaattttg	cagtggggct	ttgatgatga	agcaaatac	ttacttcttc	agaacacttg	480
ccttgcggtt	ccttggtagg	aggacctgaa	attgagctga	ttgccatcgc	aacaggangg	540
cggatcgccc	cagttctcaa	gctnacagcc	gagaan			576

<210> 741  
 <211> 579  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(579)  
 <223> n = A,T,C or G

<400> 741						
accttatctg	aaactcttgc	acttcccca	ccagggcaga	aatgaggtgg	gagaagtttg	60
actaaaatga	gggatggggg	aaagtaaaag	atgttttttt	ttttttgaga	ctcgctttgt	120
caccagggt	ggagtgcaat	ggcacaatct	caactcaccg	caacctccgc	ctcccgggtt	180
caagcgattc	tcctgcctca	gcctcccag	tagttgggat	tacaggcgcc	tgctcccatg	240
cctggcta	tttgtatttt	tagtagagac	agggtttctt	catgttggtc	aggctggtct	300
caaactccta	acctcgtgat	ccgcctgcct	cgacctccca	aagtgcctggg	attacaggca	360
tgagccacca	tgcccagcca	aagatcattt	ttttatatag	acttcaccct	ttgtaaatac	420
tgtactgggg	gagtatagag	tagaaaaaaa	gtttagttaa	aacatttggt	tacaaattaa	480
cctttaaaaa	tntaattact	gctaaaaata	gaaggctggt	ncccttaagg	aaaattagn	540
ccattttgga	aatganactt	gggccataaa	tncaggtgg			579

<210> 742  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(578)  
 <223> n = A,T,C or G

<400> 742						
ggtacttttg	gatgctttac	taggtgtttt	ccattagaat	tagaccttga	ttttaaatcc	60
aagcaagctt	gaagcccctt	ggcttacagc	atttgccctg	tgaataactaa	acactcacat	120
ggcaagagtt	gctctggaga	ggtagggcca	gaggaatgct	gctgcactgc	caactcaggc	180
acatgcttag	ctgtaaagg	aagcgagggt	aagtcgtcct	gcagcgtatt	agagtaaaag	240
tctacccttc	tgaagcacta	ttaagcgctt	aaccgtatat	ttaaatacta	ccatgtgcta	300
tctactgagg	aagattcatg	ttcaattatt	tggaaataat	gcaagcatcc	actaaggggc	360
tttaagcttt	ctttgattat	aattaagggt	catttttaagt	tntttttttt	ctttcaacca	420
gtgtgccatc	tccaatattt	ctatagtata	ccaaccaccc	caggaatgca	ctttaacaat	480
atcagggatt	tatataacca	aatagtttca	aatccaacaa	aattcccttt	atgaactttc	540
gctttttaag	actactgatg	ggtacctgcc	gggcggcc			578

<210> 743  
 <211> 592  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(592)  
 <223> n = A,T,C or G

<400> 743  
 ggtcttttaga aagtcccatg attctgcata tactgtttga actgaatcat gatgtcttta 60  
 gaaagtatat gcagaatcag aatgttccgg gaaatattga gttaactgtg aatatacctga 120  
 caatgggcta ttggccgaca tatgtgccta tgggaagttca tttaccacca gagatggtaa 180  
 aacttcagga gattttcaag acattttacc taggcaaaaca tagtggcagg aaacttcagt 240  
 ggcagtcaac cctaggacac tgtgtgttaa agcagaattt aaagagggtg aaaaggaact 300  
 ccaggtctct ctttttcaaa cactgggtgct gctaattgtt aatgagggtg aggagtctcag 360  
 tttagaagag atcaagcagg caactggaat agaaggatgg agagttaagg agaacactgc 420  
 agtcattagc ctgggtggca aagctagagt tctggcgaaa aaatnccaan ggccaaagac 480  
 ctttgaanat ggtgacaagt tcanttngta atngatgatt caaaccttaa actttcagga 540  
 tnaaggatca atcaaatnca aaaaaaaaaa nnnaaaaaaaaa agcttggtcc ga 592

<210> 744  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(578)  
 <223> n = A,T,C or G

<400> 744  
 ggtaccaaac atagccctta ggcctgggct aggcctctcaa aggtctttcc cagaaatgga 60  
 ggcagcagta gcttcaaaca ggcacaaaaa cagccaggag gaggcagcat ccactccatg 120  
 aaggcctaag acaatgaaag gaagccagag caacagacca ccttgggatc cggggagaag 180  
 ggtaaattggg caaaagggtt gtatttcctg atgctctcag aacatcagac cacaccatgt 240  
 gaatttaagc aggactatct taagtgggga aacaatacta gaagcatttg gtgtattttc 300  
 ctggcactca cctcctaggt aagcaggaga gcgggacact caggagtgtg gactaaactc 360  
 aacttaagc tgccgtgtcca gaccgtcccc ttgggtgaac acaactga aattgtggca 420  
 gtgtctgttg cnccagtgga cctncactta ctaatgagta tgtaaaacag angagccaca 480  
 gtgaggcntt tcacaaaacc canggtctctt gggggaaaaa cgggtttcca ccttctgnct 540  
 tttggtgctg gaaagtnctt gaggganaag aagtttgn 578

<210> 745  
 <211> 581  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(581)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 745

acagatcagg	caactgtgga	aaatctaaac	gaactgcgcc	aagatctgtc	aaaattccga	60
aatgaaataa	gggattttacc	tggcttttcgg	acttctaaat	atgctatgtt	ttatccaaga	120
aattaacccat	tttctaaatc	atggagcgaa	taattttcaa	taacagatcc	aaaagactat	180
attgcataac	ttgcaatgaa	attaatgaga	tatatattga	aataaagaat	tatgtaaaag	240
ccattcttta	aaatattttat	agcataaata	tatgttatgt	aaagtgtgta	tatagaatta	300
gtttttttaa	ccttctgtta	gtggcttttt	gcagaagcaa	aacagattaa	gtagatagat	360
tttgtagca	tgctgcttg	ttttcttact	tagtgcttta	aaatgttttt	ttttatgttt	420
aagaaggggc	agttataaaa	tggacacatt	gccccaaaag	gttttgaaa	antggaagac	480
ccagcaaatg	gtanggcttg	acctccttca	caaggataca	cttggaata	tagaaagtta	540
tgtttaaata	tctctggttt	aggagttcac	atatagttaa	g		581

&lt;210&gt; 746

&lt;211&gt; 506

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (506)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 746

ggtacaagct	tttttttttt	tttttttttt	tttttttttt	taggtagtgg	gtgttgagct	60
tgaacgcttt	cttaattggg	ggctgntttt	aggcctacta	tgggtgttaa	attttttact	120
ctctctacaa	ggntttttcc	tantgtccaa	agagctgttc	ctntttggac	taacagttaa	180
atttacaaag	ggatttaaag	ggttctgtgg	gcaaatttaa	agttgaacta	agattctatc	240
ttggacaacc	agctntcacc	aggctcggta	ggtttgctgc	ctctacctat	aaatcttccc	300
actattttgc	tacatanacg	ggtgtgctct	tttanctgtt	cttaggtanc	tcgtctgggt	360
tcgggggtct	tanctttggc	tctccttgca	aagttatttc	tagttaattc	attatgcana	420
aggnataggg	gttaagtcct	tgctatatta	tgcttgggta	taattttcat	ctttnccttg	480
cggnacctgc	ccggccggcc	gttttna				506

&lt;210&gt; 747

&lt;211&gt; 454

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 747

ggtacttttg	cttcaatgat	tggcaacttc	tacaggggcc	agtcttttga	actggacaac	60
cttacaagta	tatgagtatt	atattatagg	agttgtttac	atatgagtcg	ggaccaaaga	120
gaactggatc	cacgtgaagt	cctgtgtgtg	gctgggtccct	acctgggcag	tctcatttgc	180
acccatagcc	cccatctatg	gacaggtctg	gacagaggca	gatgggttag	atcacacata	240
acaatagggt	ctatgtcata	tcccaagtga	acttgagccc	tgtttgggct	caggagatag	300
aagacaaaat	ctgtctccca	cgtctgccat	ggcatcaagg	gggaagagta	gatgggtgct	360
gagaatgggtg	tgaaatgggt	gccatctcag	gagtagatgg	cccggctcac	ttctgggtatc	420
tgtcacccctg	agcccatgag	ctgcctttta	gggt			454

&lt;210&gt; 748

&lt;211&gt; 569

&lt;212&gt; DNA



&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(569)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 748

ggtaccagct	ggcacaggag	cagggggcat	ggcacctctg	ttgtttatgc	ccatagcacc	60
tcccatagcc	atctgaccca	tccgaatctc	ctgctctctc	gcatcagggg	aggttccctt	120
gaatccttcc	tgctgtcgcc	gcatcatttc	ttcttgcctc	cgccgcctct	cttcttcacg	180
gcgcctgcgc	tcttctctct	gcctgagctc	cagttgcttt	cgtttttgca	cctcttggtt	240
gtgcagctct	tccatcctcc	gaagtctctc	ttggcgccct	atcaaatacct	gtctcattag	300
catgacctgg	tgctcatggc	gtgcagcttc	catctccatc	tccagcttct	cacgagcttc	360
cttgatgttg	cggtccactt	ggctctgctg	ctgcttctcc	atctcaatga	gtgccttnca	420
gcgcattggc	tattcatact	caaagggaac	aggctgtgca	aatctgggtg	gtgctctctg	480
ttccttgatg	aatgctgggt	ttataaccag	cttcnttgga	agccctcttc	atcaatctaa	540
cctggtccat	gggtccaca	gtcacaagg				569

&lt;210&gt; 749

&lt;211&gt; 428

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 749

acatggatat	tcccaaacca	ttccattaga	aaactgccct	ccctgcacac	acaacaaaaa	60
cagcgctatt	tcctacacct	attggactga	aagtgccttg	aaatggaatg	gttttagaat	120
atgaagaaga	acacaaacca	agtagctgtg	ggttgaacct	ggacgtgagc	tggctgcagg	180
gccgttgggt	agaaaaccag	catctcataa	acaggtcact	ccactggatg	gtttgtcact	240
ggatgggttg	ttgggggtgt	ggtcacaggc	gcaaaggaca	tgcacacggc	cacgctacgc	300
tactgtaacc	aagaggtgac	ttcagccatg	aataagggtg	agaggttaca	catctacctt	360
cggatataaa	taacatacaa	tgacttataa	agtgactaca	tgcataatgag	caagcaaagt	420
acctcggc						428

&lt;210&gt; 750

&lt;211&gt; 569

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(569)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 750

acctgccaga	attagcaaga	gctttcttta	agaagacatt	tgtcaaactc	aacaaattga	60
aggttaacac	cttaagagtt	gtagtactg	accagaaata	tggacagact	tcttagactt	120
ggaggaggtg	tgccctggact	gggccagggg	ccacctacag	atgctcctgc	agtggacaca	180
gcagaacaag	tctatatctc	ttccctggca	ctgttaaaaa	tgtaaaaca	tggccgtgct	240
ggagttccaa	tggaagttat	gggtttgatg	cttgagaaat	ttgttgatga	ttataccgtc	300
agagtgattg	atgtgtttgc	tatgccacag	tcagggaacag	gtgtcagtg	ggaggcagtt	360
gatccagtgt	tccaagctaa	aatgttggat	atgttgaagc	agacaggaag	gccggagatg	420
ggtgttggtt	gggtatcaca	gtcaccctgg	ctttggttgn	tggctttctg	gtgtggatat	480

caacactcag cagagctttg aagccttgtc gganagaact tgtggcaagt ggttgtggat 540  
 cccattcaga gtgtaaaagg aaaggttgt 569

<210> 751  
 <211> 568  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(568)  
 <223> n = A,T,C or G

<400> 751  
 acctgaagct caggaggaga tgaaagaagt agccaaacac ccaaagaatc ctgaggttgg 60  
 cttgaagcct gtgtggtata gtcccaaagt tttcattgaa ggtgctgatg cagagacttt 120  
 ttcggagggt gagatggtta cattataaa ttggggcaac ctcaacatta caaaaataca 180  
 caaaaatgca gatggaaaaa tcatatctct tgatgcaaag ttgaatttgg aaaacaaaga 240  
 ctacaagaaa accactaagg tcacttggct tgcagagact acacatgctc ttcctattcc 300  
 agtaatctgt gtcacttatg agcacttgat cacaaagcca gtgctaggaa aagacgagga 360  
 ctttaagcag tatgtcaaca agaacagtna gcatgaagag ctaatgctag gggatccctg 420  
 ccttaaggat ttgaaaaaaa ggagatatta tacaacttca gagaagagga ttttcatatg 480  
 tgatcaacct tatgaacctg taacctatgt agttgcaagg aancccggtg gtttgatata 540  
 cattcctgat ggcacacaaan gaaatgcc 568

<210> 752  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 752  
 accgccagg atgtcccttc cagccctggg atggactaga ggagcacagc caagccctga 60  
 gtgggaggct gcgggccatt ctccagaatc agggaaactg aaggatgggc ctcatgtctt 120  
 aaggaaggca gagacctggg ttgagcagca gaataaaaga tcttcttcca agaaatgcaa 180  
 acagaccgtt caccaccatc tccagctgct cacagacacc agcaaagcaa tgtgctcctg 240  
 atcaagtaga ttttttaaaa atcagagtca attaatttta attgaaaatt tctcttatgt 300  
 tccaagtgtgta cc 312

<210> 753  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 753  
 ggtacaagcg tctgcagcag actgtggcgg gcgaaggagc aggattccag ggcgctgttg 60  
 ggcttggtca cgaacgccag cagcaggggt gcaagggcct tggggaaata gtcctgtgct 120  
 accatgtggt tcagcgccat cagggggccg tacagttttt tcccacggga caaaaaatgc 180  
 ctaaggaagg gagaacataa taaaggggtt tctttctctc cctctttctt tcacattaag 240  
 acctacactt aaatatatttc catagaaaac catcttcccta attgtctttt gaatgaaatt 300  
 ctgacttggt gccacaagga ctaatacccg ccga 334

<210> 754  
 <211> 533

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(533)  
<223> n = A,T,C or G

<400> 754  
ggtcgcgcgcc actgtccggc cacagcctaa cgctcttcgc tgtcgtttgc ggtctcgcgc 60  
agggcgccccc cggttctggg gtttggcgct ggaattaaac aaccaccatg tcgagcaaaa 120  
aggcaaaagac caagaccacc aagaagcgcc ctccagcgctg aacatccaat gtgtttgcca 180  
tgtttgacca gtcacagatt caggagttca aagaggcctt caacatgatt gatcagaaca 240  
gggatggctt catcgacaag gaagatttgc atgatatgct tgcttctcta gggaagaatc 300  
ccactgatgc ataccttgat gccatgatga atgaggcccc agggcccatc aatttcacca 360  
tgttcctgac catgtttggg gagaagttaa atggcacaga tcctgaagat gtatcagaaa 420  
cgcctttgct tgctttgatg aagaagnaca ggcaccattc aggaagatac ctaagagact 480  
gttgccacca tgggggggatc gggtttacana ataagaagtg gatgantgtc ctg 533

<210> 755  
<211> 571  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(571)  
<223> n = A,T,C or G

<400> 755  
ggtaccttat tagaaagcga cggcaaaacta tgtgccagca gccgcggtaa tacataggtc 60  
gcaagcggtta tccggaatta ttgggcgtaa agcgctccgta gggtttttgc taagtctgga 120  
gttaaatgct gaagctcaac ttcagtccgc tttggatact ggcaaaaatag aattataaag 180  
aggttagcgg aattcctagt gaagcgggtgg aatgcgtaga tattaggaag aacaccaata 240  
ggcgaaggca gctaactggt tatatatatga cactaaggga cgaaagtgtg gggagcaaac 300  
aggattagat accctggtag tccacgccgt aaacgatgat cattagttag tggaataatt 360  
tcactaacgc agctaacgcg ttaaatgatc cgcctgagta gtatgctcgc angagtgaag 420  
tttaaaaggaa ttgacgggaa cccgnacaag cgggtggagca tgtgggttaa tttngattct 480  
acgcgtagaa ccttaccac tcttgacatc ttctgcaagc tatagagata tagtggaggt 540  
tacagaatga cagatgggtc atggttgtcc g 571

<210> 756  
<211> 570  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(570)  
<223> n = A,T,C or G

<400> 756  
gggtccactgg aaaggcaaca tgaccaggct gccccgcctc ctggttctgc ccaagttctc 60

cctggagact	gaagtcgacc	tcaggaagcc	cctagagAAC	ctgggaatga	ccgacatgtt	120
cagacagttt	caggctgact	tcacgagtct	ttcagaccaa	gagcctctcc	acgtcgcgca	180
ggcgctgcag	aaagtgaaga	tcgaggtgaa	cgagagtggc	acggtggcct	cctcatccac	240
agctgtcata	gtctcagccc	gcatggcccc	cgaggagatc	atcatggaca	gacccttctt	300
ctttgtggtc	cggcacaacc	ccacaggaac	agtccttttc	atgggccaag	tgatggaacc	360
ctgaccctgg	ggaaagacgc	cttcatctgg	gacaaaactg	gagatgcac	gggaaagaag	420
aaactccgaa	gaaaagaatt	ttagtgttaa	tgactctttc	tgaaggaaga	gaaacatttg	480
cctttgggta	aaagatggta	aaccagatct	ggcttccaag	acctngcctt	ttcttggagg	540
accttttaggt	caaactccct	agtttcacct				570

&lt;210&gt; 757

&lt;211&gt; 578

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(578)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 757

acaagctttt	tttttttttt	tttttttttt	tttttttttg	gagtaagaaa	aggtggggat	60
taagaanacg	tttctggagg	cttagggacc	aaggctggtc	tctttccccc	ctcccaaccc	120
ccttgatccc	tttctctgat	caggggaaag	gagctgagt	agggaggtag	agttggaaag	180
ggaaggattc	cacttgacag	antggcacan	actcctccag	agtanagctt	ggagggagat	240
tgaaagtggg	gataaatactg	ctgacacctc	ccttgaagct	nagatgggaa	atggacatac	300
ttagaaattt	agtgaactta	atagcctgga	tttccctntn	caaaactttt	agaatggaaa	360
atcccatccc	cttccttata	tagtgacttc	taccacttac	cttctaccat	tttctacttt	420
gggcttatga	tgatggccat	tatctacatg	ngtttttagn	accctgggtt	ggttctaaan	480
ggggatcttg	gaaccnagn	ttnttgggag	atttttaaga	aggaagtttt	aactgaacaa	540
atggaatggg	cncacagaaag	aaatccaggg	tnncccnng			578

&lt;210&gt; 758

&lt;211&gt; 567

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(567)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 758

ggtacgagat	tgaaagggtt	agggttctac	tgcaggaaga	aggcaccg	aagagagaat	60
atgaaaatga	gctggcaaa	gtaagaaacc	actataatga	ggagatgagt	aatttaagga	120
acaagtatga	aacagagatt	aacattacga	agaccacccat	caaggagata	tccatgcaaa	180
aagaggatga	ttccaaaaat	cttagaaacc	agcttgatag	actttcaagg	gaaaatcgag	240
atctgaagga	tgaaattgtc	aggctcaatg	acagcatctt	gcaggccact	gagcagcgaa	300
ggcgagctga	agaaaacgcc	cttcagcaaa	aggcctgtgg	ctctgagata	atgcagaaga	360
agcagcatct	ggagatagaa	ctgaagcagg	tcatgcagna	gcgctctgag	gacaatgccc	420
ggcacaagca	gtccctggag	gaggctgcca	agaccattca	ggacaaaaat	aaggagatcg	480
agagactcaa	agctgagttc	aggaggaggc	caaccccggt	gggaatatga	aaatgactga	540
taaggtagaa	acattatgat	gaggagg				567

<210> 759  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<400> 759  
 ggtcaccgac ctctctcccc agctgtatTT ccaaaatgtc gcttttctaac aagctgacgc 60  
 tggacaagct ggacgttaaa ggggaagcggg tcgttatgag agtcgacttc aatgttccta 120  
 tgaagaacaa ccagataaca aacaaccaga ggattaaggc tgctgtccca agcatcaaT 180  
 tctgcttgga caatggagcc aagtcggtag tccttatgag ccacctaggc cggcctgatg 240  
 gtgtgccccat gcctgacaag tacctg 266

<210> 760  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 760  
 ggtacactag aaagtctttt acaaaataat catcttagat caacagaaga ccaatcttca 60  
 atgtcgtcct gcaagatggg ttactttaac atctctcct gttttctcca atgttctcct 120  
 ttagtatggc tggtaattgt tttgggtgatt gccaccccct cgagatgcct tgccataagt 180  
 gctctgttgg ccactgtagt ctgcatatcc ctgtccatat ccatagtTcc catagttata 240  
 cccagtataa tcatatccgc catagccact atagtTTtga tcaccaccat aggcaactatt 300  
 gtaatttcca tatecttgat cataatagtt attaaatcct tggttccagt tttggccctg 360  
 acctcggcca cgacccctcg t 381

<210> 761  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 761  
 actcagctcc aattatctaa tattcttgaa aggatgctga tattgtttgg ttgtgtcccc 60  
 ccacaaatct caacttgaat tgtatctccc agaattccca cgtgttTgtg gacagaccca 120  
 gggggaggta attgaatcat gggggccagt ctttcccgTg ctattctcgt gacagtgaat 180  
 aagtctcatg agatctgatc agtttatcag gggtttctgc ttttgcttct tcctcatttt 240  
 ttcttgccac aatgtaagaa gtgtcttttg cctcccacca tgattctgag gcctccccag 300  
 ccatgtggaa ctttaagtcc aattaaacca ctttttcttc ccagtctcgg gtatgtcttt 360  
 atcagcagcg tgaaaacgga ctaatacagt aaattggtac c 401

<210> 762  
 <211> 610  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(610)  
 <223> n = A,T,C or G

<400> 762  
 acgcttTgtg atttcatcct catacttggt cttgaagtct tccaccaggt cctgcatggt 60

tcttagctct	gagtcacaggc	ggccccgttc	ccccacgatg	ctgtccagct	gcctcctgag	120
gttggtgatg	tacagtaaaa	acacatctaa	catctttgaa	gaccaaattt	cctgctgaac	180
agtattacag	atttcatgag	cactggaggt	ttgtgttgca	gcgcttggtc	ttcttggcag	240
catttggtgt	gtatttggaa	acagaaacac	tagtgactcg	agaagcagtt	acagaaattc	300
ttggcattga	gccagatcgg	gagaaaggat	ttcatctgga	tgtagaagat	tatctctcag	360
gagttctaat	tcttgccagt	gaactgtcga	ggctgtctgt	caacagcgtg	actgctggag	420
actactcccc	acccctccac	atctccacct	tcataaatga	gctggattcc	ggttttcgcc	480
ttctcaacct	gaaaaatgac	tccctgagga	agcgctacga	cggattgaaa	tatgacgtga	540
agaaagtaga	aggaagtggg	ctatgatctc	tncatccggg	ctttaataag	gagacggcag	600
cagcttgtn						610

<210> 763  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(578)  
 <223> n = A,T,C or G

<400> 763						
cgaggtaacc	tgaagaactt	ccctaattgcc	atcgagcaca	ccctgcagtg	ggctcgggat	60
gagtttgaag	gcctcttcaa	gcagccagca	gaaaatgtca	accagtacgg	atgctacttg	120
tccaatgatg	gtaaaagggt	agcttactgg	ttgtcctccg	attcagggtta	gaatgaggag	180
gtctgcggct	aggagtcaat	aaagtgattg	gcttagtggg	cgaaatatta	tgctttggtg	240
tttgatata	tggaggatgg	ggattattgc	taggatgagg	atggatagta	atagggcaag	300
gacgcctect	agtttggttag	ggacggatcg	gagaattgtg	taggcgaata	ggaaatatca	360
ttcgggcttg	atgtggggag	gggtgtttaa	gggggttggt	aggggtataat	tgtctgggtc	420
gcctanagag	tctgggtgaga	atagtgttaa	tgctcattaag	gagagaagga	agaagaagta	480
agccnagggc	gtctttgatt	gtgtantaag	ggtggaagg	gattttatcg	gaatgggaag	540
tgattcctaa	gggggttggtt	gatcccggtc	tgcaanan			578

<210> 764  
 <211> 500  
 <212> DNA  
 <213> Homo sapiens

<400> 764						
actatataac	agttggcaca	acccacccca	caacagaaga	gaacacattt	ttctcaagca	60
tatgtggaat	agtttccagg	agaaaccatg	tgttaggcca	caaaacaaat	cttaatgaaa	120
tgtaaaagac	tgaaacacaa	agtacagcat	cactcggatt	ctgtgtccaa	tgcccttagc	180
aggaagattg	cttcggaatt	tggcacgaac	catgccactg	tttccatggg	cccaggttac	240
ttttccccag	atgactctgg	ttttgtttgg	tttgccgcca	ggagtgaactg	tggtgttctt	300
tgttttatat	acataagcgc	atctcttgcc	caaatagaat	tctgtttcat	cttcggggccg	360
taaacacctt	caattttaag	aagagctgtg	tgctcccttt	ggttccggag	accccgttta	420
tagccagcaa	aaatggcctt	ggaccacaag	cctttcagac	atagttcctt	tagaagtcgg	480
acttcggccg	gcgaccacgc					500

<210> 765  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(578)  
 <223> n = A,T,C or G

<400> 765  
 ttccagagca tattgatgag agaaggatct gcaatgctgt ttctccagac aaggatgttg 60  
 atggcctttca tgtaattaat gtaggacgaa tgtgttttga tcagtattcc atgttaccgg 120  
 ctactccatg ggggtgtgtgg gaaataatca agcgaactgg cattccaacc ctagggaaga 180  
 atgtggttgt ggctggaagg tcaaaaaacg ttggaatgcc cattgcaatg ttactgcaca 240  
 cagatggggc gcatgaacgt cccggagggtg atgccactgt tacaatatct catcgatata 300  
 ctcccaaaga gcagttgaag aaacatacaa ttcttgcaga tattgtaata tctgctgcag 360  
 gtattccaaa tctgatacaca gcagatatga tcaaggaaagg agcacagtca ttgatgtggg 420  
 gaataaataag agttcacgat cctgtaactg tcaaacccaa gttggttggg gatgtgggat 480  
 tttgaaggag tcagacaaaa agctgggtat atcactccag ttcttgggan gtgtttggcc 540  
 ccatgacagt ggcaatgcta atgaagaata ccattntt 578

<210> 766  
 <211> 569  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(569)  
 <223> n = A,T,C or G

<400> 766  
 actgtatttta tattgtttat attatatttag taatgtaatg ttttgcctcc aaagattgcc 60  
 ttgcctttac attttgtgca aaaatagcag ctatacatta atgacataat aagtatgtct 120  
 agtattattt aagtgcctat tcatattttc tcatcaaagc tttttatgaa tgattataat 180  
 gcatttttcta taaaatatta ttgctttcac tgtataccag tgattcaaac tttattgtct 240  
 tcaacagcaa tgacatgaaa tcaactctagt tgcccatcag tgggtggattg gataaagaat 300  
 atgtgggtact atgtgactat cattgatgcc ccaggacaca gagactttat caaaaacatg 360  
 attacagggg acatctcaag ctgactgtgc tgtcctgatt gttgctgctg gtgttggtga 420  
 atttgaagct ggtatctcca agaatgggca gacccgaaag catgcccttc tggcttacac 480  
 ctgggtgtga aacaaccta tggccggggg taccaaaatg ggattccact ggaccaccta 540  
 cagccagaag agatntgaag gaaattntt 569

<210> 767  
 <211> 580  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(580)  
 <223> n = A,T,C or G

<400> 767  
 acgaagctac ccaggagat ctgaatgatg ctaaaaataa acagaaattt gtttttaaagg 60  
 tccaaaagcc tgccaacccc tgggaattct acattgggac ccagttgatg gaaagactaa 120

agccatctat	gcagcacatg	tttatgaagt	tctattctgc	ccacttattc	cagaatggca	180
gtgtattagt	aggagagctc	tacagctatg	gaacattatt	aaatgccatt	aacctctata	240
aaaatacccc	tgaaaaagt	atgcctcaag	gtcttgatcat	ctcttttgct	atgagaatgc	300
tttacatgat	tgagcaagt	catgactgtg	aaatcattca	tggagacatt	aaaccagaca	360
atcttcatact	tggaaacgga	tttttggaa	aggatgatga	agatgattta	tctgctggct	420
tggcactgat	tgacctgggt	canagtatat	atatgaaact	ttttccaaaa	ggaactatat	480
tcacagcaaa	gtgtgaaaca	tctgggnttt	caatgggtgt	gaaaatgctc	ancaacaaac	540
catgggaact	accagaatcg	attactttgg	ggttgctgca			580

&lt;210&gt; 768

&lt;211&gt; 355

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 768

ggcaggtacc	ctatggccta	tgttgactat	aagactgtgc	tgcagattga	tgataatgtg	60
acgtcagccg	tagaaggcat	caacagaatg	accagagctc	tcatggactc	gcttgggctt	120
gagtggcgcc	tgaagctgcc	ctcaatcccc	ttgggtgcctg	tttcagctca	gaagaggtgg	180
aattccttgc	cttcggagaa	ccacaaagag	atgggtaaaa	gcaaatccaa	agaaaccaca	240
gctacaaaga	acagagtgc	ttctgctggg	gatgtggaga	aagccagagt	tctgaaggaa	300
gaaggcaatg	agcttgtaaa	gaagggaac	cataagaaag	ctattgagaa	gtacc	355

&lt;210&gt; 769

&lt;211&gt; 611

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(611)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 769

cgaggtacca	cgatcctgat	gatgaaccag	tggccgatcc	ttatgatcag	tcctttgaaa	60
gcagggacct	ccttatagat	gagtggaaaa	gcctgacctc	tgatgaagtc	atcagctttg	120
tgccaccacc	ccttgaccaa	gaagagatgg	agtcctgagc	acctggtttc	tgttctgttg	180
atcccacttc	actgtgaggg	gaaggccttt	tcacgggaac	tctccaaata	ttattcaagt	240
gcctcttggt	gcagagattt	cctccatggg	ggaagggggg	gtgccgtgcg	tgtgctgccc	300
gtgttagtgt	gtgtgcatgt	gtgtgtctgt	ctttgtggga	gggtaagaca	atatgaacaa	360
actatgatca	cagtgacttt	acaggaggtt	gtggatgctc	cagggcancc	ttcacccttg	420
ctcttctttc	tgagaagttg	gcttaaggca	gaccaaganc	tgctggccct	tttaagggaat	480
atgttcaatg	ccaaaggtaa	aaaaattntg	aaattgggtc	ccaaatnccc	gggcattgcc	540
tttcgccact	ttnggcttct	tectggngan	ccccaccttt	gaccggtggg	ggccgtanac	600
nttgacaacn	n					611

&lt;210&gt; 770

&lt;211&gt; 508

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(508)



&lt;223&gt; n = A,T,C or G

&lt;400&gt; 770

ggacaaaacc	agctgaagat	gaaagtgtgg	agaccaggt	gaatgacagc	atcagtgtctg	60
agacagcaga	gcagatggat	gtagatcagc	aggagcacag	tgctgaagag	ggttctgttt	120
gtgatcccc	acccgctacc	aaagctgact	ctgtggacgt	tgaagtgagg	gtgccagaaa	180
accatgcac	taaagttgaa	ggtgataata	ccaaagaaag	agacttggat	agagccagt	240
agaaggtgga	acctagagat	gaagatttgg	tggtagctca	gcaaataaat	gccc aaaaggc	300
ccgagcccca	gtcagacaat	gattccagt	ccacgtgcag	cgctgatgag	gatgtggatg	360
gagagccaga	gaggcagaga	atgtttccta	tggactcaaa	gcctttactg	ntaaaaccca	420
ctggatctat	actcgnctca	tcttcggtg	aaacccaatt	cncgtgggatc	tggcccaant	480
tnancattna	ncttgggnta	ttncnnc				508

&lt;210&gt; 771

&lt;211&gt; 587

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (587)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 771

acttgttttg	ggaatatatg	agagaagaaa	ctgctgagca	ggtcagttaa	gaacagtcca	60
tttcagctgc	aggacagttc	tctttcccg	gacaagccta	catagcctcc	aagggagcca	120
aactatccct	tccatgcaac	aagacacctt	gcatggatac	tctagccatg	acttgctttt	180
ggacaaaaat	caactgctaa	cgtttttcat	ctctaataatc	attaacacca	tggagaaaaa	240
agaaaaaaat	tcaaccctag	aaaacttgac	aacgagaata	agaaaaatcca	caaggaaaagg	300
tcatgctaaa	actgatttga	cagttgttcc	atcaccgcct	accacatggg	cttgagactg	360
gtgacttcat	ggatgcattc	cttcgatgcc	ctgccaaatg	tcagcttcaa	gtctgtcagt	420
gacccagtg	tgatgtgcc	tgccttctat	tcaccaactn	ctattcaaga	gatccaagg	480
ggccttgggc	cgtggtaagc	acanggacac	ncaggtgcc	agaagcccca	gnaacccttt	540
tagaaaactt	tgncctggga	tttgggcccc	ggnaaccaac	cngtgggn		587

&lt;210&gt; 772

&lt;211&gt; 577

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (577)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 772

ggtacactgc	aggagagtgc	ctggcaaaaa	gatcaaatgg	ggctggggact	tctcattggc	60
caacctgcct	ttccccagaa	ggagtgattt	ttctatcggc	acaaaagcac	tatatggact	120
ggtaatggtt	acaggttcag	agattaccca	gtgaggcctt	atcctccct	ttcccccaaa	180
actgacacct	ttgttagcca	cctccccacc	cacatacatt	tctgccagt	ttcacaatga	240
cactcagcgg	ccatgtcttg	acatgagtgc	ccagggaata	tgcccaagct	atgccttgtc	300
ctcttgctct	gtttgcattt	cactgggagc	ttgcactatg	cagctccagt	ttcctgcagt	360
gatcagggtc	ctgcaagcag	tggggaagg	ggccaaggta	ttggaggact	ccctccagct	420

ttggaagcct	catccgcgtg	tgtgtgtgtg	tatgtgtaga	caagctcttn	gctctgtcac	480
ccaagctgga	attgcantgg	tgcaatcatg	gttcacttgc	agtcttgacc	ttttggctca	540
agtgatecct	ccacctnacc	tcttgagtac	tgggacc			577

<210> 773  
 <211> 580  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(580)  
 <223> n = A,T,C or G

<400> 773						
gggtaccacct	cctgttccta	caaaacccaaa	acagattaat	ttgccttatt	ttggacaaaac	60
taatcagcca	ccttcagaca	ttaagccaga	cgggaagttct	cagcagttgt	caacagttgt	120
tccgtccatg	ggaactaaac	caaaaccagc	agggcagcag	ccgagagtgc	tgctatctcc	180
cagcatacct	tcggttgcc	aagaccagac	cctttctcca	ggttctaagc	aagaaagtcc	240
acctgctgct	gccgtccggc	cctttactcc	ccagccttcc	aaagacacct	tacttccacc	300
cttcagaaaa	ccccagaccg	tggcagcaag	ttcaatatat	tccatgtata	cgcaacagca	360
ggcgccagga	aaaaacttca	gcaggctgtg	cagagcgctg	tgaccaagac	tcataccaga	420
gggccacact	tttcaagtgt	atatggtaag	cctgtaattg	ctgntgncca	aaatcaacag	480
cagcaccacg	agacatttat	tcaatagcca	gggcaagcct	ggcagtcaga	acctgaacag	540
acctgttctt	tagttcagga	gaaccntgaa	acnaaagaat			580

<210> 774  
 <211> 680  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(680)  
 <223> n = A,T,C or G

<400> 774						
gggtacctggc	catgggcttc	cctcccacac	ctgccaggac	acagcctgca	ggtcagggggg	60
ctaaactggg	gagttttctc	caaagttggg	aaaggatggg	aagagtaggt	gggaatgggg	120
aagttacaca	gctacagcag	tcaggcctgt	ttagtaagaa	gaatcacatt	taatgagttt	180
ctttcttgca	gtttcagatg	ctcaagtaca	agtaagttat	atgacaacga	taacacacag	240
gaggaaagcc	acggaagcac	actgttgtga	agttctcatg	ctctacgtga	agtgttatct	300
tttttttcta	agtgcagca	agtttattaa	gaaagtaaag	gaataaaaag	aatggctatt	360
tcattggcag	agcaccaata	aaatcatctg	aaggngagatt	gtgatgagtt	aaangcgtat	420
atgataaacc	tgaagaccaa	cnagaaanta	gccccacngag	atntagtggg	ttaagttaac	480
caagggaatt	aacttgaatc	attaaaaaatt	cttaatctgg	gggaaccttt	naanaanggg	540
agcttaccce	ttggggcaat	ttnaaacena	aagccaggtt	gattgaattt	aagcttacct	600
tttttcaata	atccctttta	aannaanggt	ttnaaccttt	cncttaaang	gcnnnanttt	660
tcnaattgga	ntttaagccg					680

<210> 775  
 <211> 658  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(658)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 775

ggtacctgtg	ccagatgaaa	ggtttgactt	tctttgtcaa	taccacaaac	cagcaagcaa	60
aattcctgcc	tttctaaatg	tggtggatat	tgctggcctt	gtgaaaggag	ctcacaatgg	120
gcagggcctg	gggaatgctt	ttttatctca	tattagtgcc	tgtgatggca	tctttcatct	180
aacacgtgct	tttgaagatg	atgatatcac	gcacgttgaa	ggaagtgtag	atcctattcg	240
agatatagaa	ataatacatg	aagagcttca	gcttaaagat	gaggaaatga	ttggggcccat	300
tatagataaa	ctagaaaagg	tggtctgtgag	aggaggagat	aaaaaactaa	aacctgaata	360
tgatataatg	tgcaaagtaa	aatcctgggt	tatagatcaa	aaagaaacct	ggtcgcttct	420
atcatgattg	gaatgaccaa	gagattgaag	tggtgaataa	acccttaatt	ttgactcnaa	480
anccatggnc	tacttggtna	acnttctgaa	aaagcttcnt	ttgaaggaaa	ccaanggtga	540
taaaattaag	aaggggtggc	cagtttancc	agggccttgg	catcctttaa	gggggcttgg	600
accttaagtt	ccanaattga	tcttanggna	anccaagttt	tggaaccacc	tgncccaa	658

&lt;210&gt; 776

&lt;211&gt; 659

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(659)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 776

ggtactttac	ggcctgatct	aattgaaagt	gcatcccttg	ttgcaagtgg	caaagctgaa	60
ctcatcaaaa	cccatcacaa	tgacacagag	ctcatcagaa	ggttgagaga	ggagggaaaa	120
gtaatagaac	ctctgaaaga	ttttcataaa	gatgaagtga	gaattttggg	cagagaactt	180
ggacttccag	aagagttagt	ttccaggcat	ccatttccag	gtcctggcct	ggcaatcaga	240
gtaatatgtg	ctgaagaacc	ttatatattgt	aaggactttc	ctgaaaccaa	caatattttg	300
aaaatagtag	ctgatttttc	ttgcaagtgt	taaaaagcca	cataccctat	tcagagagtc	360
aaagcctgca	caacagaaga	ggatcaggag	aagctgatgc	caaataccag	tctgcattcc	420
tgaatgcctt	cttgctgcca	attaaaaactt	naggtgtntca	nggtgaactg	gnngtnctac	480
cgntnccngn	ngnggaatnt	caggnaaaga	tgaaccctgc	tgggnaatcn	cttattttcn	540
ggntangnnt	aaaccttnga	tggggccaac	cttaccnggt	ggttattttt	tggnccccn	600
ntaaagaacc	tcntnaaang	tncccntttt	ttganacggg	ggnttaaacc	tncccgggg	659

&lt;210&gt; 777

&lt;211&gt; 728

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(728)

&lt;223&gt; n = A,T,C or G

<400> 777  
 acttcttgca tgttgctcaca tgttgctgtg agaatcaggt gctgcctata tggctccact 60  
 gggagagggc agatggaagc cgtcgcccca tctgtcgtgg aacgtgtgct gtgcacctcc 120  
 tccctttgct gatcttaatc tctgtccttt tactgttaata aactgttaact gtgagcctaa 180  
 cagctttcct gagtctagtg agtccttcta gcaaatgaaa ggagggtggt cttggagacc 240  
 tatgaacttg cacctgcccc cgtcgttttg agggctctggc acaggggagg gaagggctgg 300  
 gcctcttttg gaaggggggc ttcaatccat ttgggggtcg ggggtcccaac ttcttggang 360  
 ggcccaacgt tccttgcccc gcttccaagn ctcttcttcc cttcttaagt ccccgancct 420  
 tgcaaccttt gggccccntt ggcttgtgga atcctgggaa aaaacttngt ctttttnttt 480  
 ancacttgaa tnnngaanaac tggcccatat actnaagccc ttgcatnnct tngactnctt 540  
 nnatgggcaa ccttnaaggg attcccaagg gncctctggg tttanggaaa taatgggggg 600  
 aaaatttttt nggaanttna anaataancc ccccccaaaa ncgggggganc cttngggccc 660  
 gnaaccccc ttaagggccn aaattccngn canatntggg gggggccggtt ctaaggggat 720  
 cccaaccc 728

<210> 778  
 <211> 603  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(603)  
 <223> n = A,T,C or G

<400> 778  
 caggtaact gctgccactg ttgtgtcctc gctctgcttg ctgttgccctc acgccaggcc 60  
 ccgtcctgcc gtgacaccct tcatccatcc cttggaaccc caaggccaag ttggttcaaa 120  
 ctgttggaga acagagttgg cctgcatctg gaacacactt gtcctcagct taccatctcc 180  
 tcacacccca gagtggaaaag gtgaacacct gcagctgagg cttggaaaacg tttcttgtgt 240  
 tgccctgaaa aatcttttag acctcagggg ggctctgtct ctcttaaaaag gtggagaaaag 300  
 atgccattct ctccctaagg tctgggtggg tctcccatc ttgcataccc ttctgcaagc 360  
 catctatctc tgctcactct ccaattgacc cgcctgggaa caagggatga aggaggaagt 420  
 tgggggcttg ggggaatcct gccagttggt gaancctgtg gcangaagga tatgtgacnt 480  
 agagatcctg atcttttntn ancctgctgt tgggttgctt gnataatagg atggtgactg 540  
 tttgnaaagn ggagtataag atgccntgct gatngngnta tgctatgctn ttangatgga 600  
 ctg 603

<210> 779  
 <211> 654  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(654)  
 <223> n = A,T,C or G

<400> 779  
 cgagggttttt tttttttttt tttccagtta gtgatgtcgt atttcaaaat aggtcgaaac 60  
 ttcagagaaa tgaaaatcgg gatatcagtg aagttattgc tctcgggtgt cctaatectc 120  
 ggacttccaa tgaagttcag tatgaccaa ggctnttcaa ccaatccaag ggtatggaca 180  
 gtggatttgc aggtggagaa gatgaaattt ataattgtta tgatcaagcc tggagaggtg 240

gtaaagatat	ggcccagagt	atttataggc	ccagtaaaaa	tntggacaag	gacatgtatg	300
gtgatgacct	agaagccaga	ataaagacca	acagatttgt	tcccagacaag	gagttttctg	360
gttcaaaccg	taaacngaga	ggccgagaag	gaccagtgc	gtttgaggaa	aatccttttg	420
gtttggacaa	gtttttggaa	aaaacccaac	ngcatggngg	ctntaaaaga	cccttagata	480
ccaccgcnc	aaggacnnag	cctgaagcca	gaaaaggngg	aaggattggc	caggttttcc	540
aangaatga	ctttanccta	acctaangag	ccagnttngg	ggacccttnt	aaagggccgg	600
taaaaccnat	ttggggccca	nncnccttn	ttttttctg	gaaanggggg	gtta	654

&lt;210&gt; 780

&lt;211&gt; 570

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (570)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 780

acagtgggca	caaaacctgt	gcagagtccg	cagaagagggc	caataaccaa	gcgacccagg	60
atcagcattt	caaccgactt	agctacttta	cacagtccca	taaagcagcc	accagtgcga	120
gccaacaggt	tgacaatcag	cattgaattg	cgctgccaa	agcggttgac	gaagagtccg	180
acggaaaagg	agccgatcat	acccngacg	gaaaatatgg	ccacagacaa	ggaccagaga	240
gacgtgagca	gcacctcaga	gggtggggca	tttcccttgc	cgtcaaagtt	ttattgataa	300
attcctttat	gatctttctc	ggagcattga	tgaccccgag	ggttgtaacc	naattggaaa	360
gaaccgattg	nagccactgg	tgatggccaa	tatcaaanct	gggggtgacct	tctggggccc	420
catcgctgga	atctaattca	agtctttaag	aaagatctan	gggtgatttc	agaaacnagn	480
ttttnaggcc	acaaaccttt	aaanggcctt	ttaacagcaa	ggtttnttcc	cgtcttagga	540
aggatncaaa	nccnttgccc	ggaaccnctt				570

&lt;210&gt; 781

&lt;211&gt; 664

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (664)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 781

acccaaagtt	ctctggggag	ggccagggaa	gaggctgggt	gtcaaaccac	acagattttt	60
atttgagtc	gtcactgggg	ccgtttcttg	ctgcttattt	gtctgctagc	ctgctcttcc	120
agctgcatgg	ccaggcgcaa	ggccttgatg	acatctcgca	gggctgagaa	atgcttggct	180
tgctggggca	gagcagattc	cgctttgttc	acaaagggtc	ccaggtcata	gtctggctgc	240
tcgggtcatct	cagagagctc	aagccaagtc	tggtcccttg	tgtatgatct	ccttgagctc	300
ttccatagcc	ttctcctcca	gcttcctgat	ctgaagtcac	ggctttcgtt	aaaactggac	360
atctgggaaa	gacagtcctt	ctctttcttg	gataaattgg	cctggaatca	ncgccccggg	420
aaaacaagct	ttcatctttc	tggttccant	ttnattaact	ggttttcact	nggnccactg	480
ngggggctta	ncttcttgac	ctggctggna	aatttaagg	ggttnaagnt	tntncccg	540
acctattncn	tggnnaaaac	cngggaatna	tgcnagnctt	aaaattttnc	ccaangaagg	600
agtccttaan	accnggntaa	nttggnttta	cggaaacngg	tggnnacctt	gttttncag	660
gncc						664

<210> 782  
 <211> 669  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

<400> 782  
 cagggtacaag cttttttttt tttttttttt tttttggaat agaatacaac tttattttca 60  
 gtcattttcta tttccttggg tatgaacaaa ggtagcaaaag tgcagttgta tcagcagtg 120  
 caatagaaat tacagagttt ttcatatccc tttacagttt gccacaggta tcttaaaata 180  
 ttgntttacac tcattctctt tcagttttacc attgtttaat aggcctaccc tcgatctttt 240  
 tattcaatat gttaataaaag aaacctatac acatagtatc accgttatca ttttaaaaaat 300  
 attttgacac tgnatataaa tataactagc ttacttttga atcctaccta ttttaaatgg 360  
 gnatgaaaat attattctga aattagccng gcntggnggt gcatgcctan aggcccagct 420  
 acttggaag ctttaagggg aaggatccct gaacccaagg ganggccang nttcngggan 480  
 ctnggatgnn caatggcttc ancctnggna atngaattggg ancccttttt aaaggaaaagg 540  
 aaanggaaat ttggattttg gnaacngann cctggnccaa aaaaggggcaa aanccctgct 600  
 ggaanggcc tntggacctt aaatgccccn nccaaangng gnnattncca ttttaannngn 660  
 ccncaggg 669

<210> 783  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 783  
 acacagaagc agtgaaggac tgcacagaag ccctcaagct ggatggaaaag aacgtgaagg 60  
 cattctacag acgggctcaa gcccacaaaag cactcaagga ctataaatcc agctttgcag 120  
 acatcagcaa cctcctacag attgagccta ggaatgggtcc tgcacagaag ttgcccaggg 180  
 aagtgaagca gaacctacac taaaaaccca acagggcaac tggaaacccct gcctgacctt 240  
 acccagagaa gccatgggccc acctgctctg tgeccgctcc tgaaacccag catgccccaa 300  
 gtgagctctg aagccccctc ctcaatccct tgatggcctc caccctgtaa gaagctttgc 360  
 tttgggtcaa ttaacttaa gtgtaataca accccagacc atgggtgggt gcacccagaa 420  
 agggncacc tnagaacctt aacgttgaag ctgnaacttt ngcccctaat tcccnagacc 480  
 caagttagct tgatcccncc accggaatcc ttatttagcc aaagccnttt ngggntttgg 540  
 ncctggncccc aaanggggct ttgaaaaact ggaaggcttg gcccnttggg agctttnc 600  
 caaaancccc aaatttaatt ggggagntna ttttggaaacn aaccttgggc tttttngggc 660  
 cccgggtttg gaaaggaagg ggggataaaa ccttaagggc cctggttcca aaannanccc 720  
 tttttnaacc ggggn 735

<210> 784  
 <211> 660  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(660)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 784

cgagggtacac	attgtattat	atacaaacaa	gcaacaacaa	aaagtttcat	catgtaaaca	60
aaagaatata	aattatagac	ataattggaa	gtttcacaac	gtccttaa	cattgtgagc	120
ttctctaaaa	ggcacaggtc	ttggagtgtg	ggcacagagc	cattagtcag	atgtctgggt	180
gggtctcccat	aatagcaatg	tatactctaa	agtgggcttt	ttgtgaactc	tgtcaggggtg	240
aatgagttag	gcctcttaaa	ggaatgaaat	gctttcacat	ttggggcaac	aagtgaaaaa	300
tactgaaagg	agggatacaa	ctagggttag	atattattgg	gacagtgtat	ttagaaatac	360
cactaaaaag	gtggtaaaag	atctctagat	taaattctga	ctactgnaaa	tnagaaagga	420
tccttttgna	nctctaccaa	tgggttngtg	aaaattaaaa	gggagaaagt	gacccaggag	480
aaaccnaatt	gggaagctan	ggaggttcca	gaaaatnccc	agtcttacac	gaaaaaacct	540
tganagggcc	tttttaaggc	caannttggg	aaattacctt	tgttaactta	cttgaaaaan	600
acctgccggc	ggccgttnaa	aggncaattn	accnctggng	gccgtcttag	ggncncnctc	660

&lt;210&gt; 785

&lt;211&gt; 254

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 785

actgctgctg	gttaagggtc	acctgggggtg	caatgctgct	gtcttcacat	tccgtcccga	60
agtaatgctc	aataagatca	aaggcctttt	ggtagatctc	ctgggttttca	tgactctgta	120
agaactcaat	tttatccaga	ccataagctt	cttcaatcaa	agcacagtaa	gggttaaatgc	180
cagtgccatt	ccttttgggt	tcctgtttctc	caagcctcag	gatattttcc	aagccattta	240
gggcaacctg	tacc					254

&lt;210&gt; 786

&lt;211&gt; 688

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(688)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 786

ggtactggct	gagctggaag	tgccaaaaag	cactcctggc	tgcttctggt	tccatctgat	60
gatgatgtga	cacacactgc	tgaaaaggcc	caagcagggc	aagtgggatg	gctgaaggag	120
ggaaggagg	ggttcagaac	ccactggcct	ggatgggaga	actgggtgga	ggcttcccca	180
agagggaaga	cagataaaca	aaacaaaaca	aaaactgggt	aaagaggaat	gaatcactca	240
gccctgatgt	ttcaattcta	cactgcattc	ctggccagtc	gcatttggtt	aatgcaggca	300
tgccacacgc	tctcctagag	aattatctca	aagaccaga	agggaccttg	angaggccta	360
tttcttaagg	ttttccagtt	ggaccaagg	aangantggg	ttcacttagc	ttctaaaaaa	420
ggntttgaac	cctaagggtta	actgcctccg	gaagctgctt	gcttttggtt	tggcttccca	480
aaaaggnttc	agaatagntt	tggaccctt	anggaaactt	ggatcaagcc	cggnaancca	540
anacttnctt	ggtngnaaaa	tcaagggggg	ctncttgggg	nttanccgga	agtttgggnc	600

aggntgtntt aacaggggtgg ggantgacca nccngnggcc caggggcctt antaactntg 660  
ggaanccctt gnganggaan ccttnacc 688

<210> 787  
<211> 708  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(708)  
<223> n = A,T,C or G

<400> 787  
acagtaacac aacatcaaaa gcaacacagg ctgtatacag aaacgtgggt cattcttttc 60  
agccctaatt gagatgtaat taacagtatc gagcactctg gaaaatcact ctgcagggtt 120  
atatggacta catggagatc atatcctgta gtgtagttaa agctaagtcc tcaagagcca 180  
tatgtataga tacacaatgt tttttaataa tctttaaaac agagatcaaa gttcatttaa 240  
gtcctgtttg cattaacaaa aataaaaaat aaataaaaaat gggaaccaa tggatcatct 300  
aaaaggttta aaaattccta aattgnccaa tttatccaac tgggtgggaga ctttaattcag 360  
ggttttggaa agtccaggac tggtttcagc tgaaccaga aggcccccaa ttttgcttac 420  
tggaactggc cctggggtaa gncatggaat taaaatngct tancnccttc cctnnggtt 480  
tgaacttttg gccgggttnga attattgggt aaaggcaggc tttaaacca gtttnccaac 540  
ctgggctatt taacttggat cccattggga aaaattttca aanggaatt ttttattagg 600  
ggccatttca atcnaangga aaattntggg aactttggaa atnccganc cttgntggaa 660  
anaaaaaacc cnggggaaat gggngggggg nccttnggcc cccaaccc 708

<210> 788  
<211> 647  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(647)  
<223> n = A,T,C or G

<400> 788  
ggtaactctgt ctgctgaggg aatgggggtat tttgactccc atagaaagca ctagcctaag 60  
tcaccaaatt actgcttggg cccactgaa gcagtgtagc tctccatagt atttttgggt 120  
gttatggatt acatgtgtgg ccagctcatg ctttttcttg agcaggggct gtccatgacc 180  
tgtgctcata ccatgctttc taagtctctt ttggacaggg cctcagctgc tgcctcagcc 240  
tgagtttcag aggggtgtga ggagtcctgg taatcttgaa gcagtttgac cacctccaaa 300  
tggttgaact gcacagcatc atccagggga atgggtgcca cctgtccttg gcaaaaggat 360  
tcactttgca agccttgatc aggaatttaa caacttcgaa tgtgccctta nctgcagcaa 420  
catgcnaanc tgggcnccaa gcataagctt tctgggtccat atccatggct gacaaggcaa 480  
cctttnaana ncttancatt ggcncntnnn gcngcaaata ccaggtggcc nnagcttggg 540  
cccaattntg gccttacncc cggggntaan tccaaccaan gccttaggtt caaatnnga 600  
aattgaanan accccacttt ggcaaaactgg cccctngggt gncccat 647

<210> 789  
<211> 650  
<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 789

acctgcgcgc	cctcgacgtc	aatgtggcct	tgcgcaaaat	cgccaacttg	ctgaagccag	60
acaaagagat	cgtgcaggac	ggtgaccata	tgatcatccg	cacgctgagc	acttttagga	120
actacatcat	ggacttccag	gttggaagg	agtttgagga	ggatctgaca	ggcatagatg	180
accgcaagtg	catgacaaca	gtgagctggg	acggagacaa	gctccagtgt	gtgcagaagg	240
gtgagaagga	ggggcgtggc	tggacccagt	ggatcgaggg	tgatgagctg	cacctggaga	300
tgagagtggg	aggtgtggtc	tgcaagcaag	tattcaagaa	ggtgcagtga	agcccaggca	360
gacnaccttg	tcccaaagga	atcagcaagg	atgtgtgggc	caagatcccc	ctntttgccc	420
agcatgaggc	aaaaatgtnc	agccacccca	ggctttntta	acanagctgg	ctcttggttt	480
tggcactttt	ccttttctta	aacaaacctg	ccattaagng	anttggtgtt	caaaaaaaaaa	540
aattntnnna	naataaaaaa	ttttntctt	cgcaccncct	tnnggggaaa	cncnantgng	600
gcggtntntt	ggancnctnn	tccncttgg	gnntangtat	aatntttttt		650

<210> 790

<211> 646

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 790

gggtaattcc	ggctgttgca	ccatggcgtc	catggggacc	ctcgccttcg	atgaatatgg	60
gcgccctttc	ctcatcatca	aggatcagga	ccgcaagtcc	cgtcttatgg	gacttgaggc	120
cctcaagtct	catataatgg	cagcaaaggc	tgtagcaaat	acaatgagaa	catcacttgg	180
accaaattggg	cttgataaga	tgatggtgga	taaggatggg	gatgtgactg	taactaatga	240
tggggccacc	atcttaagca	tgatggatgt	tgatcatcag	attgccaaagc	tgatggtgga	300
actgnccaag	tctcaggatg	atgaaattgg	agatggaacc	acaggagtgg	ttgtcctggc	360
tggtgccttg	gtagaagaag	cggagcaatt	gctanaccca	ggcattcacc	caatcagaat	420
annccatngc	tattaacaag	ctgnttcccg	ttgctattga	acactggaca	agaacaacga	480
taccnccctg	gtgacttaan	ggcaccgaac	cctgattaaa	ccgnaaaccc	cncntnggtc	540
aagnggnaca	gttgcncccc	cnaatngtta	atctggangc	cgctnttgc	ccanttgga	600
ggaaacntta	tttgctttca	attaaggcaa	tggccgcagn	tgagan		646

<210> 791

<211> 656

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(656)

<223> n = A,T,C or G

```

<400> 791
accatgatat ctggcagatg tataagaagg cagaggcttc tttttggacc gccgaggagg      60
tggacctctc caaggacatt cagcactggg aatccctgaa acccgaggag agatatttta      120
tatcccatgt tctggctttc tttgcagcaa gcgatggcat agtaaatgaa aacttggtgg      180
agcgatttag ccaagaagtt cagattacag aagcccgcctg tttctatggc ttccaaattg      240
ccatggaaaa catacattct gaaatgtata gtcttcttat tgacacttac ataaaagatc      300
ccaaagaaag ggaatttctc ctcaatgcca ttgaaacgat gccttggtgc aagaagaagg      360
cagactgggc ccttgcgctg gattggggac caagaggcta cctatggtga acgtgttgta      420
acctttgctg cntggaaggc atttcttttc cggctctttg cgcgatattc tggcttaaga      480
aacgaggctg agcctggcct acantttcta angaacttat taccganatt aagggttacn      540
ctgggatttg cttgcctgaa gttnaacccc tgggacctng gccgnacccc ntangggcaa      600
ttccanccac tggngggccg tactaaggga accaacttgg gcccaacntg gggnat      656

```

```

<210> 792
<211> 640
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

```

```

<400> 792
ggtctgacac aatcagaaat tgcagacatc atcctgggta tggagatctc ggcaccgtca      60
cagcagcggc agcagatcgc tgagatcgag aagcagacca aggaacaatc gcagctgacg      120
gcaacacaga ctgcactgt caacaagcat ggcgatgaga tcatcacctc caccaccagc      180
aactatgaga cccagacttt ctcatccaag actgagtgga gggctcagggc catctctgct      240
gccaacctgc acctaaggac caatcacatc tatgtttcat ctgacgacat caaggagact      300
ggctacacct acatccttcc caaagaatgt gcttaagaaa gtccatctgc atatctgacc      360
ttcggggcca aattgcagga tacctatatg gggtgagccc accagatacc cccaggtgaa      420
agagatcccc tgcattgtga tgggtgcccc atggggcctt accanaacgn gcacctgtg      480
gcaantgnct aactgagacc tgcccggcgg ccgttcaang gcaattcngn nactggnggc      540
cgtctaaggg accnacttgg gccaaacttg gnaatatggc nnactggtcc tggggaatgg      600
tntccgtcca ttcccanttc anccggaanc taanggtaac      640

```

```

<210> 793
<211> 615
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G

```

```

<400> 793
acctacaact atatctactc cattttccaa aacagagagc tgatcccggg ctgcaacacc      60
tccaattatc agaagctccc ttaatttagg attatcaatg tatttcttaa actgcttgat      120
gttattcaaa gtttgttcag ctaactcccg ggaagggttca acaatgagag ctttcggagc      180
attggggaga aactttgttt gtgtcacctg tgcattacct gagtgtctgt atttgacaat      240
gtaaccatcc ggtgccttgg aaagagcaac aaagccatct tttggtggaa acttaaattc      300
ctcttcaccc gaagttaaat ttcagttcag cattcttcaa aacacaggca ggaaagaggg      360

```

cttgggttttt	catatgtggt	ggtattttcaa	atgccagacc	aagancctttt	ccatttttgg	420
agaacttgac	atgtccttat	ctatatcnng	tacatccatg	ggatcatgcc	tagngaattc	480
tttcataata	tcaaatggtg	gtatggaatc	ttcctgtccc	caagccaatc	caactggaga	540
ccttggcggc	ccntanggca	atcancctgn	gccgctaggn	ccactggcca	ctggnacagg	600
cnntgtctgg	aatgn					615

<210> 794  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (709)  
 <223> n = A,T,C or G

<400> 794						
acttctgaat	aagttcagag	ccaaccactc	tcaagaaagt	ggctgaggtt	tggtttgcta	60
ctgctttggc	taacaagggt	ttacctgtgc	caggtggacc	atagagaatg	acccccttag	120
gaggctttat	acccatctct	tcataatatt	caggatgggc	gagaggaagc	tccacagatt	180
ccttaatttc	ctgaatttgg	ttgtccaacc	ccccaatatc	tgcataggtc	tcctgggggg	240
ccttttctac	cttcacacac	gtgaccaggg	gatccgtgtc	atccatcagc	acccctatca	300
cggnatgcac	cttgtggttg	agcaggaccg	agcagccagg	ttccagcaga	tccttgctac	360
aaatgaaaga	atgctgacgt	antgttctga	gccacacagat	gtagacacga	atggcatgat	420
ggcatcaatg	atctctttcc	aagggttccta	ctgacatcgg	gggtccccctc	agaatcatcc	480
acttttggat	ctttccttct	tcttgnnttt	ccttctaaag	gggttcaatt	tggtncctgg	540
atttcttaag	ngaattcttc	cttncnttga	aaaaaaaaag	gccnttnaaa	tnctntttta	600
accttttangn	aannttttaa	cccgggcctt	gaattnnnaa	gggggcnccc	cngggggcaa	660
ttttntctgg	cnnaaatttg	gggccccctt	gggnttnntt	ttttttttt		709

<210> 795  
 <211> 693  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (693)  
 <223> n = A,T,C or G

<400> 795						
ggtacggcaa	tcaatcttaa	taatccagag	agccagtcca	tgcatttggg	aaccagactt	60
gttcagctgg	acagtgtctat	cagcatggaa	ttgtggcagg	aagcattcaa	agctgtggaa	120
gatattcacg	ggctattctc	cttgtctaaa	aaaccaccta	aacctcagtt	gatggcaaatt	180
tactataaca	aagtctcaac	tgtgttttgg	aaatctggaa	atgctctttt	tcatgcatct	240
acactccatc	gtctttacca	tctctctaga	gaaatgagaa	agaatctcac	acaagacgag	300
atgcaaagaa	tgtctactag	agtcctttta	gccactcttt	ccatccctat	tactcctgag	360
ccgtacatgt	gcataggaac	tgggatatac	acaggcacag	ggataggcac	tggaacatat	420
tctgnctnca	agtatcatct	gctgaccaag	aattggncctg	catgtgaagg	ttacagtaag	480
tacttttggc	attggtaaan	ggttgccaaa	aaactgnntt	ggnccttnan	cnctttggta	540
aggggttggg	aaaaggggtg	gggcttaaac	ctggcanttt	nggttcnana	agnttggaag	600
ncctggganc	ttaagggaag	gtttttangg	gccnttttga	aatggcaatg	tgggcncaat	660
ttggtggccc	gtnaaaaccc	cntanncaag	gtn			693

<210> 796  
 <211> 452  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(452)  
 <223> n = A,T,C or G

<400> 796  
 ggtacattca cgtctcccg cgccttcacc tgaaagccat cggctcctg ggtagtggcg 60  
 gtctctgtgcc attctaccag atgggtgtct ggcccatata ggtctttgtc cagttcaatc 120  
 accaaggatt taaaaaagga agagaacttc ctcttttgtt tagtggcatc atatttggac 180  
 aaggctgaat cctccaggag ccgtccttct acccgaagct cccaggaagc caccgtccct 240  
 tccccatcct cggcatctga cttagccgga ttgaaagtgt tagaaatgaa aattcgcagc 300  
 ttccggttttt gcttgatggg acgtttcaag gcctcttggga tatctagccg ttctcatga 360  
 tagtctggtc cagttccttt caaaagccaa gagatccata taggcctggg attctggtac 420  
 ctgccnggcc ggcgctcnaa nggccaattc aa 452

<210> 797  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(333)  
 <223> n = A,T,C or G

<400> 797  
 ggtacaagct tttttttttt tttttttttt ttttttatta ngcgcaagtg gtcaaaagtt 60  
 gtcaaaattg tcctcattcc tcgattgtct cttttttacc agtctcttgc ccttcaaaca 120  
 gaggatacct ggcctccaca tcagcccatg tgatgttgcc attggctagg tcttggacta 180  
 tgctgggcag ctgagagatc tctgctctta tctgccgcag tgagtcacgg tccctcagag 240  
 ttgcagtgtg gggggtcttg ttcactgtgt caaagtcaat ggtgacacca aaagccacgc 300  
 caatctcatc aagtcctggc atancgcctt ccg 333

<210> 798  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(632)  
 <223> n = A,T,C or G

<400> 798  
 ggtgcttttt tttttttttt tttttttttt tttttggaca cagatcactt tattggcatg 60  
 gctttgtttt aagaaaagga aaagtgacaa agccaagaga cagactctgc taacagatgc 120  
 ctggggggtgg ctggacattt ttgcctcatg ctgtgcaaaag aggggggatcc tggcccacac 180

atcctgctga	ttccttggga	caaggttgtc	tgccctgggcc	tcantgcacc	ttcttgaata	240
cttgcttgca	gaccacacct	tccactctca	tctccagggtg	cagntcatca	ccctcgatcc	300
actgggtcca	gccacgcccc	tccttctcac	ccttctgcac	acactggagc	ttgnctccgc	360
cnagctcaact	gntgcatgca	cttgcgggcat	ctatgcctgn	caaatectcn	ttaaactctt	420
tnccaacctg	gaagtncatg	gatgtagtcc	taaaagtgt	ancnggccga	tgatcatatg	480
gncaccggnc	tnaccnact	tttggctggc	ttancaagtt	gcaattgcnn	aggccattga	540
cttaggcnc	agtcttcccc	gcgccgtnaa	ggcaatcncc	attggcggnn	tctagggnc	600
nntggncagt	tggtnatngg	caantntcng	ga			632

&lt;210&gt; 799

&lt;211&gt; 462

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(462)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 799

ggtactgcgt	ctgtttttgt	tacccacaaa	ggaccagcgc	cagatgttct	ttgtgatcag	60
cctggatccc	ccaatcaagc	aaggccaaac	tcgctaccac	ttcctgatcc	tcctcttctc	120
caaggacgag	gacatttcgt	tgactctgaa	catgaacgag	gaagaagtgg	agaagcgctt	180
tgagggtcgg	ctcaccaaga	acatgtcagg	atccctctat	gagatgggtca	gccgggtcat	240
gaaagcactg	gtaaaccgca	agatcacagt	gccaggcaac	ttccaagggc	actcaggggc	300
ccagtgcatt	acctgttcct	acaaggcaaa	gctcaggact	gctctacccg	ctggagcggg	360
gcttcactta	cgtccacaaa	gccacctgtg	cacatncgct	tcgatgagac	tcctttgcaa	420
cntttgtcgt	ggtacctgcc	cggccggncg	ttcgaaangg	cc		462

&lt;210&gt; 800

&lt;211&gt; 702

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(702)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 800

gagggtgcct	cccctccaag	cagaccacct	gtcccccttct	atcccagctc	agagcagctg	60
acccaactca	gaatctcttt	cctacaggat	gaagtgcctt	ttgaatgtta	ttttaagccg	120
agagttaatt	tttctacaca	acatatttcc	agacatcttt	tagtctttta	ttgtcttaga	180
tactataaga	agatgaacat	gacaattttc	tagaacctgg	tagcgtgtgt	gtgtgtggcg	240
gggggtgctg	agggagggga	gtgagtcaca	ggagcctgtc	ccccaacagg	tgtgattgct	300
ctgacaacct	gtggcatgct	gcagggtcag	gctcctgata	ggaggatttc	atgactatgt	360
cattgnctcc	actcattttt	gaccagttt	ggaatgtatc	tgcaattggg	gtggctcaac	420
actttaggaa	acaatagaat	tattttatat	aataattctg	atggtgacca	agtttngnct	480
tggagggcca	caattttctt	cctttgaaaa	agtggacant	ncctggncac	ttctggnttt	540
ttaaaactta	ctnggccatt	ccattttggg	ggtttttttg	ggnnngttaa	ttgggttttg	600
gggttaaaaa	cccgtttnc	agggaaaanc	ccctaaaaaa	nccctttggg	gaatttttaa	660
anggaaaaat	tctgggntaa	attngggntt	ttttaaaaac	cc		702

<210> 801  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

```

<400> 801
aggtactgcc cagagaattt tgtagacatc aagaaaactt tggaacgaga gactcgccag      60
tgccaggctc tggatgatctg gactgactgt gatagagaag gcgaaaacat cgggtttgag      120
attatccacg tgtgtaaggc tgtaaagccc aatctgcagg tggtgcgagc ccgattctct      180
gagatcacac cccatgccgt caggacagct tgtgaaaacc tgaccgagcc tgatcagagg      240
gtgagcgatg ctgtggatgt gaggcaggag ctggacctga ggattggagc tgcctttact      300
aggttccaga ccctgcggct tcagaggatt tttcctgagg tgctggcaga gcagctcatc      360
agttacggca gctgccagtt ccccacactg ggctttgtgg tggaaccggt tcaaagccat      420
tcaggctttt gnacccttgg ggcggnnaac accttaaggg ccgaatttcc agcacaactg      480
ggcggggcgt tactaagngg gantnccgaa cttngggnan cccaagcttt gggcgtnaat      540
cattngggnc ataaacttgg gttnccttgg nggngnaaaa ttgggntaat ccgggtttna      600
caaatttccc ccccacactt tttccnaaac cccgggaaag ccttttaaaa ggggtnaaaa      660
acccctnngg ggngggccctt aaatggagtn ggggnccttta accttcnccc ttttanant      719

```

<210> 802  
 <211> 646  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(646)  
 <223> n = A,T,C or G

```

<400> 802
actcatcgcc attgacctgg cctataactt gcacagtgcc tatggaaact ggttcccagg      60
cagcaagcct ctcatacaac aggccatggc caagatcatg aaggcaaacc ctgccctgta      120
tgtgttacgt gaacggatcc gcaaggggct acagctctat tcacttgaac ccactgagcc      180
ttatttgtct tctcagaact atggtgagct cttctccaac cagattatct ggtttgtgga      240
tgacaccaac gtctacagag tgactattca caagaccttt gaaggggaact tgacaaccaa      300
gccccatcaac ggagccatct tcactttcaa cccacgcaca gggcagctgt tcctcaagat      360
aatccacacg tccgtgtggg ccgggacaga agcgtttggg gcagttggct aagtggaaga      420
cagctganga ggtggccggc ctggatccga cttctggctt gtggaaggaa cagcccaagc      480
cagaatcatt ggcanccagg aanggcattgc tngacccact ngaaggngcc cttactnnga      540
cttccccaaa attgggcatt aaagggntcn gggcttcnaa ttcccttttc aggccngggt      600
tnangngggg aaaaattcgg ggaatttnat ccttaaagcc nttgnc      646

```

<210> 803  
 <211> 544  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(544)  
 <223> n = A,T,C or G

```

<400> 803
acacgtcgtc ctcccggctc aggccctcaa agaaggggat gaggtccagc agctccgtgt      60
ccgtcatgtc atcgaaccag gactgcacag gcaactgcatt ctcaggatgg aagatgtatg      120
aggcagggga attgtcaaca atgatacatt tgctcagctc ccgcccgaagg cgactcaggt      180
ccttcacgta gttccacaga tgaaaaacac atgattctct gaagagccgg gcccggaaca      240
caccccagcg gtctaggagg tcagccacag ggtctgcata cttggccaag ctggcagtaa      300
agagcacaca ttcaaaaagc tgcccatacct ctggaggaac tcgtccacat gtggccgctt      360
cagcacatac acctgatgta tagttccatc gattcaaccg gaacaataaa atnagcanta      420
ctaaataggc ttaaaacgaa ctgtgcacca atggttcatt ctaaataaat ggaccaccca      480
ttcttttcca tagtcnagca ccggtacctn tggaanaang tnccttgggc gngnaccccc      540
ttan
  
```

<210> 804  
 <211> 642  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(642)  
 <223> n = A,T,C or G

```

<400> 804
cgaggtacat ccttgtagga gagaacctca tcaatttcca catttcttcc aagttctctt      60
gccctgagac ggattctcat cgctttggaa ggcacctgaa agaagcaatg actgacatca      120
tcactttgtt tggctcagat tctaattcca aaaagtaatt ccactggagc tgctgggaag      180
gaaaacgagc tcttctgatg caaaccaaat gaaaaatagg cattaatcct gaccttagct      240
cgggatgaaa cactgctctt aaaaaaactc agttttcctt ccagaaaatg tgggtgtttt      300
tttttcttag aacagtatct ctcccctgtg aagcataacc ccactacttc cagacttgcc      360
ctcccctggg ggacatctga taaagtctcc cctgatgtct ccgcacgggc ttggattatt      420
aagggatgca aatcttggtg agttaatnaa ngaattanta ngggtgtggn tttaaccncc      480
agtggaaatg aaatngngnt gctttntant nggcaanncg aaggcctaag ctttanggcc      540
tttaaccttt ntccangcng ggtaaacttt tggtttgntn aaaaanaaan tnntntntaa      600
agttggggnc ccanttgagc taaccatttg ganngcctac cc      642
  
```

<210> 805  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

```

<400> 805
cgaggtacta cagagcccct ggacgggtgtg atgttggaag aggatgtttt ttctcaacct      60
gaaattagta atgaggctgt taatttgaca aatgttttac cagctgataa ttcatcaaca      120
ggatgctcta aatttgctgt tatagaacct ataagtgaat tgcaggaatt tgaaaacatc      180
aagtcaccca catcattaac tcttacagtt cgaagttcac ctgctccttc agaaaatact      240
catatttctc ctttgaaatg t
  
```

<210> 806  
 <211> 311

<212> DNA  
<213> Homo sapiens

<400> 806  
gcgagagcg gctgatcgca gtccggaggt gaggcggaac tctgagcagg tgggccatta 60  
tggctgacat gcaaaatctg gtagaaagat tggagagggc agtgggcccgc ctggaggcag 120  
tatctcatat ctctgacatg caccgtgggt atgcagacag tccttcaaaa gcaggagcag 180  
ctccatatgt gcaggcattt gactcgctgc ttgctgggtcc tgtggcagag tactccagtt 240  
ctcagccaga accccgcaca ggtctttcct tatgggatac cagcccctca tacattgata 300  
aattgggtac c 311

<210> 807  
<211> 591  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(591)  
<223> n = A,T,C or G

<400> 807  
ggtacctgtt ctttgccagt taagatacat atcttattat ctttgttttt ttcaagtcta 60  
tgctcctgtt tgaagctttt cctgtaattt aggttgctctg tgaaatacct ataacatata 120  
attcctatag agtatgccac attttttttc taactcattt caaatgaaat tctctcagat 180  
tctagttttt gagcttgctc actagatctg aaaataaagc atcctttcct gagtccactt 240  
gaactaattg tgaatttggt acttaattta ctggcatctt gggaaacaag ttttgctgtg 300  
gcaggaaggc tgttttgaga gtgagccgtt gaagtctact ctggtttgtg gatgacattg 360  
cattaggggt tatttcctgn attaccagtg ccccttctgt gcaatatact ttatgacttg 420  
gaatgcaaca ccacttttaa aagcctgggt tcaagttttg aaagcattgg ttctgtgntg 480  
ccataatctg aagnttctgt gaaggattat tnaagcttta aaccttncaa ggtaaaaggcc 540  
aaattaggcc tgggaattacc tggaccttgg ncaaaaattn aaanattncn n 591

<210> 808  
<211> 641  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(641)  
<223> n = A,T,C or G

<400> 808  
actaaatgga ggcacgtggg agaagggagg ggccattgag gaacaaaaat gtgttttaag 60  
gaagagatgg gaaagcagag accaggtaga ggagctaggt aagctgatag gtgttgatcat 120  
tggtagaaaa gaagaagata aatggatgta aggattgagg ccttggaag tagcataggc 180  
aggaaaagag gaattagaag aatacgtgaa gaagtgggaa tcatgggctg ggaagggaaa 240  
ttttggaaaa ggagcacatt aaggcagaaa actcttttag agcagtgggt ttaaacttca 300  
gcaatggtga tccttttata caagtatccc ttacttttga atcccaggaa gtaaaaggca 360  
cattcttggt gaagttgggg aggagcactt ggaacctgc ttgcttaact ttttttcttt 420  
tgggcccttg aagtgtagta tattttaaaa tccactgggt tanaaggag tagttaagtt 480  
naagggaaan aaaggatgat tgggaaaaga tcngaccoga agggactttt tggtnaccca 540



aaagttttng gtnccttgg aaaggaagg ggcctttt nggaattang ggaaatggaa 600  
acttggaaact ggnnaaantt cctntnagct taaccttgan g 641

<210> 809  
<211> 388  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(388)  
<223> n = A,T,C or G

<400> 809  
acaagagggt gggctgggccc aggatgcccg agggctggcc acagccaccc ccctcaaagg 60  
tggtgatgag aaaagagaca ccttcttcct tgagaacatc tttcagccac aaattagggg 120  
atctgttgcc tggcaataaa ggaacgaatt tataaaagag ttcaatggat ttgtgtcgac 180  
attctgtctg gggcctccca caatgagcta aaagccactt gaccagatcc aataaacaca 240  
atgatgcgga aggtggaaat cctcgcggca aacgtcgttt ctttgcttta tttaaagaaa 300  
catgcttctt ttcaatgatg cggcataggt gatcaatggc atcacacac tgttgaattg 360  
tacctcggnc gngaccacgc taaaggcc 388

<210> 810  
<211> 175  
<212> DNA  
<213> Homo sapiens

<400> 810  
ggtacatcct cggccgggag tccccactgt ctctctacaa tgaggagctg gtgagcatga 60  
acgtgcaggg tgattatgag ccaactgatg ccaccgggtt catcaacatc aattccctca 120  
ggctgaagga atatcatcgt ctccagagca aggtcactgc caaatagacc cgtgt 175

<210> 811  
<211> 329  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(329)  
<223> n = A,T,C or G

<400> 811  
ctgcgcgggtt gttctctgga gcagcgttct tttatctccg tccgccttct ctctaccta 60  
agtgcgtgcc gccaccgat ggaagattcg atggacatgg acatgagccc cctgaggccc 120  
cagaactatc ttttcggttg tgaactaaag gccgacaaag attatcactt taagggtggat 180  
aatgatgaaa atgagcacca gttatcttta agaacggcca gtttaggggc tgggtgcaaag 240  
gatgagttgc acattgttga agcagangca atgaattacg aaggcagtc aattaaagta 300  
acactggcaa ctttgaaaat gtctgtacc 329

<210> 812  
<211> 668  
<212> DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(668)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 812

acggatgcta	cttgccaat	gatggtaaaa	gggtagctta	ctggttgtcc	tccgattcag	60
gtagaatga	ggaggtctgc	ggctaggagt	caataaagt	attggcttag	tgggcgaaat	120
attatgcttt	gttgtttggg	tatatggagg	atggggatta	ttgctaggat	gaggatggat	180
agtaataggg	caaggacgcc	tcctagtctg	ttagggacgg	atcggagaat	tgtgtangcg	240
aataggaaat	atcattcggg	cttgatgtgg	ggaggggtgt	ttaaggggtt	ggctagggta	300
taattgtctg	ggtcgcctag	gagggctggg	gagaatagt	ttaatgtcat	taaggagaga	360
aggaagagaa	gtaccgaag	ggcctcttta	nttgtgtaat	aanggttggg	aggtgatttt	420
tatccgnaat	tgggagtga	tccctaaggg	ggttgggtga	nccccntttc	ctgccanaaa	480
tagganggtg	gantttctgt	tagggcttcc	aataattgan	ggcctnaaa	tnaanttgn	540
aanggtaaat	aaaacctttt	naaggggtgg	gacctgtttt	cttgngtnna	ncccccttan	600
nattccattg	gaacttaggc	ttggncccat	gtnttgggan	tggcggataa	ttaanttttg	660
aaattncc						668

&lt;210&gt; 813

&lt;211&gt; 312

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 813

ggtacaggca	gggtagatct	aactattgga	aggaatccct	aacacttttc	cagggtagaa	60
ttctggctag	tccaaaaagg	gtccttcttt	taagggtttt	gagaaactag	acactgcaac	120
ttattagtat	cggcgacgtt	tgtttggggc	aaattcagct	ccaggagctg	cacggttgaa	180
tgcaggagga	gttccaccaa	ttgccccaat	tccttccatt	gtagcagcct	gaccaaagcg	240
ttcagttgtt	ggtgggttca	atcccaaagt	tccatccggc	atcatagtgg	caggtcctgg	300
aggagctggg	gt					312

&lt;210&gt; 814

&lt;211&gt; 551

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(551)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 814

caggtactct	gaagtataca	caacagggtct	aaacatctcc	cttgctgtaa	gtagttgtgt	60
aaaattcaag	ataaagattt	agtctcatct	tttaattgtca	gtttttttcc	ccatgttaaa	120
gggaatgagg	aggagtcctc	ttttattccc	ccacaagaaa	aaggagacca	cattaatatg	180
tgtatattcc	cataactcta	atgtaagtgc	ggatctccaa	agcctaggga	tttttccgta	240
aaagagagt	ggccgttctg	gttacccttt	tattagaagg	gtattccacc	acagagagcc	300
ggaggttttc	cagatgtgtg	taagagagca	ggtgcgcaag	gcaagcaaat	gagcgcaaac	360
agtattatgg	aaaacatttg	agaagttagc	tccatgagga	ctgtgggctt	cacaagagga	420
ctcgactggg	tagccctggc	tgacanagga	cctgaaaagc	ngagtattgc	ttcaaacttg	480

gaaccenttca taggagccta acactgttgg aagaagtacc ttggcnggac caccttangg 540  
gcaattcnag c 551

<210> 815  
<211> 619  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(619)  
<223> n = A,T,C or G

<400> 815  
ggtactgata acttcttctgct tcagttcatc tacaatgata tttccctcta aatcccagat 60  
cttgatgctg gggcctgtgg cagcacacag ccagtagcgg ttagggtga agcacagggc 120  
gttgatgatg tccccacccat ctacggtgta aagggtgttg ccttcgttga gatcccataa 180  
catggcctgg ccataccttgc ctccagaagc acagagggat ccatactggag agacagtcac 240  
cgtgttcaga tagcctgtgt ggccaatgtg gttggtcttc agcttgagc tagccaggtt 300  
ccataccttg accagcttgt cccaaccaca ggagacgatg atagggttgc tgctgttggg 360  
cgagaagcgg acacaagaca cccactctga gtggctctca tcctggacag tgtattttgc 420  
acacacccag ggtattccat agcttgggtg gtttacctgn ccggcggccg tcnaaanggc 480  
gaattcacca tggcggcgt actagngatn caacttggnc caacttggcg gaactctggca 540  
tactggttcc tngggaaatt gtttcngtcc aattccncna aattnaaccg gaagnttaaa 600  
ggtaaaactt gggggccta 619

<210> 816  
<211> 658  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(658)  
<223> n = A,T,C or G

<400> 816  
actccagcag ccaggcatcc cagatctcct gtcctggagg gtgctggggc ccttggtccc 60  
ccagagtgtg caggcagacc cccagagccc tagctcatcc atttatccat tcctcataat 120  
ccagtggtcca aagagtacc cagcagggc aggggaagggtc cctcccgggg tttacatgac 180  
tgattccttc tcagaggcga ccgtggcatc ccctgcgggc ccccgatagt gtttgaggag 240  
ggggtttctt tcctcaggct ctgtgcttct cgactccgta caagcttttt tttttttttt 300  
tttttttttt tgggaaggaga acaattttat tctaaaaata gaacttggtg acaatgaaat 360  
acaaaaagct ggtcattata ataaaaagaa aagaanagtt taactttttt tttgtgaaaa 420  
ttcnaaaatt atcactataa tatactgccca actntggtna attnganttt gaattatttc 480  
ctttcatngg attatttcaa gggaaatttt taaaattngn ttttggccta aaaccttngg 540  
ccgggnaccn cncttanggg gcnaaattcc aatccaantg ggggggnccg taacttaagg 600  
gggancccaa ccttgggnnc caancttgg gngttaaata atggggcana ncntgttt 658

<210> 817  
<211> 141  
<212> DNA  
<213> Homo sapiens

<400> 817  
 actttcttct gccataaactt cttcctcagt tectacaggt gtgacacttt tcaacttctt 60  
 tggaagagggc atttccactg tatcatcaga gacttgggtct gatgcttcta tgggtgctatc 120  
 ctcttcctct tcacgtgtac c 141

<210> 818  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<400> 818  
 ggtacttaag aactcaagta tagaaataaa ctgtgggctg aagtaacatt gtaacctgct 60  
 cccaacatga ctgcataggt gtctaagggt aagtgtgaag attactgtga ggtctcaagt 120  
 tacttgacta atcaatccca tttgaatttc aatccaagca gcatatttta cacacacctg 180  
 aaggaaatat cttcagtggtg ttcattgtgtg tgtctatgtg catgtatgtg taggggatag 240  
 gtgtaattag ggaagggtg accgaacaac attgataagt 280

<210> 819  
 <211> 635  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(635)  
 <223> n = A,T,C or G

<400> 819  
 ggtacttgag tctttctcat ggggtggggtg attgcctctt ctcattcagga gccaggagag 60  
 agggggacag ataggaggtg gcccatagga gcagtcctgc tgcacaatgg taggcatagg 120  
 ccatggcact ggactgcctc taaggactgc taaaaagaat attttttgt ggtgtcagaa 180  
 ctggaaaaag cactttccct tcgggcattt ctggaaatga ttattaatcc acaaagaaga 240  
 actctgtaag ctttttcttg aattgtancc agtgagaaaa gcagatagac tgaagaatat 300  
 gaaggatagc tgagctgtnc ctncatagtg gggcatgcct aggcattatgg ctggcttgga 360  
 gactactgat gcttttccct gagtttgtat tggcactgan gtatggcccg cttgggccac 420  
 tgacttccca ntaatggaat ctgntnaaaa cttggggatt cctttagctt nntactggaa 480  
 gaaaantttt gtancnaaaa gatttataac cnnttagnaa taagtttncc agcancccng 540  
 gatttttttt nngcttgggg gttnttggtg ncctttannn aaggacnggg cnttgnnntt 600  
 cntctttach aggccttgnt ntgancntgg agaan 635

<210> 820  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<400> 820  
 acatcttctt cctgagttac gcttacaaaa ttttcaaaca tagcaaccat tgatggggcg 60  
 gcaatcacat gacaattcac aagatcagat aaaaaacgga ccaaatacac ggcttcatta 120  
 taattgtttg ctttcaatga ttctttaagt tgacgaatca tggcttctac aaattctcca 180  
 ccaaaattgt aattcctggc attcagtagt ccaactaatg ttgtataaat tgtcagcttc 240  
 tcaggtaata ggcgtgcact ggattcataa atcacc 276

<210> 821  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

<400> 821

acaatgatgc	cagaagcttt	ccttcaagaa	gctcagataa	tgaaaaaatt	aagacatgat	60
aaacttggtc	cactatatgc	tgttgtttct	gaagaaccaa	tttacattgt	cactgaattt	120
atgtcaaaaag	gaagcttatt	agatttcctt	aaggaaggag	atggaaaagta	tttgaagctt	180
ccacagctgg	ttgatatggc	tgctcagatt	gctgatggta	tgccatataat	tgaaagaatg	240
aactatattc	accgagatct	tcgggctgct	aatattcttg	taggagaaaa	tcttgtgtgc	300
aaaaatagcag	acttttggtt	agcaaggnta	attgaagaca	atgaatacac	agcaagacaa	360
ggtgcaaaat	ttccaatcaa	atggacaagc	tcctgaagct	gcactgnatg	ggccggntta	420
caataaaagtc	tgaaggcctg	gncatttttg	aattcttgca	aaccggaact	tagttaccca	480
aangggncct	aatngccntt	attcccaggt	antnggggga	aaccgggnaa	aagtaaccnn	540
ttggggcccg	ggaaaccacc	nccttaangg	ggccnaaatt	ttccaggcnn	cnacttgggg	600
cggggcccg	ttancttaag	gggggaatcc	ccnaacnttt	ggggacccca	anacntttgg	660
gcgggaaaac	cnatnggggn	ccaaaanacc	gnggntnccc	ccgnggnggg	naaaaaattg	720
gnnttnnc						728

<210> 822  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(632)  
 <223> n = A,T,C or G

<400> 822

actttacggc	ctgatctaata	tgaaagtgc	tcccttggtg	caagtggcaa	agctgaactc	60
atcaaaaccc	atcacaatga	cacagagctc	atcagaaagt	tgagagagga	gggaaaagta	120
atagaacctc	tgaaagattt	tcataaagat	gaagtgcag	ttttgggcag	agaacttgg	180
cttccagaag	agttagtttc	caggcatcca	tttccaggtc	ctggcctggc	aatcagagta	240
atatgtgctg	aagaacctta	tatttgtaag	gactttcctg	aaaccaacaa	tattttgaaa	300
atagtagctg	atttttctgc	aagtgttaaa	aagccacata	ccctattaca	gagagtcaaa	360
gcctgcacaa	cagaagagga	tcaggagaag	ctgatgcaaa	ttaccagtc	tgcatcact	420
gaatgccttc	ttgctggcca	tttaaaactgt	aggtgtgcan	ggtgactggc	cgttcctcag	480
ntncttggtg	ggaatcttcc	gtnaagatga	acctgacttg	ggancactta	ttttttnggc	540
tangnttaaa	ccttncatng	ngnncaactt	taccangtn	gnttantatt	tngncccccg	600
ttaanacctt	tctnchnngnt	cctccatttt	tg			632

<210> 823  
 <211> 649  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

<400> 823  
 actgctgcaa cccatgcagc gtcaacttcg tctcatcatc cacgaagatc tccattggat 60  
 cttgcatgaa cttgcggcag actggacgga tctctttgct caaggtagca ctgaacatca 120  
 tgacctgctt ctctgtgggg gtcctgcgaa aaatttcttg gacatcccga cgcattgtcga 180  
 gctgttcaag catcttatca cattcatcca aaataaagtg tttaatgtgt ttgaggttga 240  
 ggctcttatt tcgagccagg gctaggatac ggcctggagt cccacagacg atatgcgggc 300  
 agttcttctt cagcacctct tcatccttct tgatagacag accaccaaaa aaaacagcaa 360  
 ccttgacatt gggcatgtat ttagagaagc gctcatattc cttgctgacg tgaaaagcca 420  
 actcccgagt ggtgacacca tcaccagcac agacacctgc ccagtaacct ggcttccaac 480  
 tgggtgcant gnnngggccaa gaacaaacac tgggtggctt tccatgcccc natttgggct 540  
 tggcnccagg aaattcantt cccaaaatgg gcttgaaggg atgcctntnt gcttggactt 600  
 ttgacgggat gttnaaggcc ccagnttnan aatggncccg gagcaattn 649

<210> 824  
 <211> 603  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(603)  
 <223> n = A,T,C or G

<400> 824  
 accccttata aaccagcaat gtcattctgt aggaagcaaa ttctcaagtg tctgtcattt 60  
 acttggttct ttttctttgt ggtcttcacc cttataccct ggaaaagtct gtaattacct 120  
 tagccaggaa gatagatggt catggcaagc gcacagcacc agacttactg gctcaccaag 180  
 atgatggaaa aaggcagatg attttttaa aagccgtaat gactccttta gaccagccat 240  
 tttagcgtggt aattttgaaa ggccatagctc cattgcagac ttccaaaggg tcagctctga 300  
 gactgccctc caggtgggca gttgattatt tccaccagtg ttttccagag ccttaaactg 360  
 cctaagtgac aactacctca gttggcagga aaagagacat atagtagaaa gtgaaaaatg 420  
 agcagtattt gggcagatgc tatggggtac agttgaangg taaaanggac tttccttggg 480  
 aacccttatn ccctgngaatt atgacctngg ccggacacnt taaggcnatt cacnntgngg 540  
 gcgctctaan ggnnccactt ggnncanctt ngnaaaaggc aaactgtntc gngnaatgtn 600  
 ccc 603

<210> 825  
 <211> 634  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(634)  
 <223> n = A,T,C or G

<400> 825  
 tgaaaaataa actattntat ttcagtgttt gctccttgcg gttcagaagc acatctactg 60

cctgggttga	acccaaggct	tttataaaac	cgtagagaaa	tatgagctct	atgtatagag	120
aaaatataca	tgttgattaa	ttgtgtgact	ctttcctgtg	caaagcagaa	agttctaaat	180
gcaacagcat	gattctctcc	aagtccttcc	ctgggatttg	gggggacctg	gaggctgtga	240
tctcacctcc	aatagagaat	ccccaattct	tccagcccaa	gggaggccca	gncatgtaga	300
aagagcagga	gataaagtca	aagctgacaa	ctcatgggtt	ccccaagctt	ctccggggca	360
ggggctatgt	ttgggggctt	taccctgcaa	agaaggggta	gctgggggtgc	cnaccttggt	420
gggtaagtgc	cacactggca	ctaaagctgt	tgggaagtct	agcattgcan	ccggccagggt	480
ttatgggtna	accagggtgt	ccaanggggt	ttttcccta	aaactngggg	ctnaaaggng	540
gggaccctng	gcncgaacct	ccttangggc	aaatcccggc	aattgggggc	cntttttaan	600
gggnccaac	ttgggaccaa	acttgngnga	atnn			634

&lt;210&gt; 826

&lt;211&gt; 507

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(507)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 826

ggtacctgaa	gaacaaatcc	cttcagggtt	aagctcgaca	ggacactttc	cccagtccca	60
ggtttccatt	tccctcattc	ccaaaagggg	ccccctccctc	tccatgcgca	cacagaactt	120
ttcgctcacc	caaaagtccc	ttctgtctga	tcttttccca	tcctctttct	tccctctact	180
tactactccc	tctagaacag	tggattttta	atatactaca	cctcaggggac	caaaagaaaa	240
aagttaagca	agcagggttc	caagtgtctc	tcccccaactt	caacaagaat	gtgcctttta	300
cttccctggga	ttccaaagta	agggatactg	tataaaagga	tcaccattgc	tgaagttaa	360
aaccactgct	ctaaaagagt	tttctgcctt	aatgtgtctc	ttttccaaaa	tttcccttcc	420
cagcccatga	ttccacttct	tcacgtatcc	ttctaantcc	tctttttctg	gctatgctac	480
ttttcnangg	ctcaaaactt	aaattcn				507

&lt;210&gt; 827

&lt;211&gt; 617

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(617)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 827

cgccagcgct	gcaggagctg	acatggaccc	aaatcctcgg	gccgacctgg	agcgccaaca	60
gctccgcctt	cgggagcggc	aaaaattctt	cgaggacatt	ttacagccag	agacagagtt	120
tgtctttcct	ctgtcccatc	cgcattctga	gtcgagagaa	ccccccatag	gtagtatctc	180
atccatggaa	gtgaatgtgg	acacactgga	gcaagtagaa	cttattgacc	ttggggaccc	240
ggatgcagca	gatgtgttct	tgccttgcca	agatcctcca	ccaaccccc	agtctgtctg	300
gatggacaac	catttgagg	agctgagcct	gccgggtgct	acatcagaca	ggaccacatc	360
taggacctct	tctnctnctc	ctnctgactcc	tncaccaacc	tgcataagcc	aaatccaagt	420
gatgatggag	cagatacgcc	cttggcacag	tcngatnaga	ggaggaaaag	gggtnttggga	480
ngggcaaaan	cttgannctg	cagntagcaa	tgggacctgc	tanaantgnc	caccttggtg	540
ttttccaatn	nnacncaggc	caccnaactt	ttgganaaac	caanttttnt	tgcgngggccc	600

aaggggaagn ngnggat

617

<210> 828  
 <211> 448  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(448)  
 <223> n = A,T,C or G

<400> 828  
 actgtcacct ttttaagtgg aaagaaatat agtgtggatg atttacactc aatgggagca 60  
 ggggatctgc taaactctat gtttgaattt agtgagaagc taaatgccct ccaacttagt 120  
 gatgaagaga tgagtttgtt tacagctgtt gtcctggtat ctgcagatcg atctggaata 180  
 gaaaacgtca gctctgtgga ggctttgcag gaaactctca ttcgtgcact aaggacctta 240  
 ataattgaaaa accatccaaa tgaggcctct atttttataa aactgcttct aaagttgcc 300  
 gatcttcgat ctttaaaca catgcaactc gaggagctct tggcctttaa agntcaccct 360  
 taaggccttn gtttatttaa ncatgaactg atggtaactg nacctcngnc gcgaccacnc 420  
 taaggccaat tccananact gnccggcg 448

<210> 829  
 <211> 619  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(619)  
 <223> n = A,T,C or G

<400> 829  
 cgaggtactt ttaaagcagg gagtggggaa aagtattttg aggggacatt ttcacatca 60  
 gttcagcttt ttttttttgg ttgttgctct tttttggggg ggttgggttt gttgggttca 120  
 ctgaaacatt taactacctg taaaatctaa acatggctgt tagtgtcaca ccaattcggg 180  
 acacaaaatg gctaacactg gaagtatgta gagagttcca gagggggact tgctcacggc 240  
 cagacacgga atgtaaaattt gcacatcctt cgaaaagctg ccaagttgaa aatggacgag 300  
 taatcgctg ctttgattca ttgaaaggcc gttgctccag ggagaactgc aaatatcttc 360  
 atccaccccc acatttataaa acgcagttgg agataaatgg acgcaataac ttgattcagc 420  
 agaagaacat ggccatgttg gnccagcaaa tgccactagn ccatgccatg atgcctggtg 480  
 cccattacaa cccgngccat ngttcaattg nccaacttac cnccatgcnt aacagccgct 540  
 ctannccctt tggacctttt ttccancttg gcccggaata attttcant ggccaattgg 600  
 ttccgggant ccgggtcct 619

<210> 830  
 <211> 618  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(618)



&lt;223&gt; n = A,T,C or G

&lt;400&gt; 830

ggtacaccct	agccaacggg	acaaatccta	gagggatataa	aatcatctct	gctcagataa	60
tcatgactta	gcaagaataa	gggcaaaaaa	tcctgttggt	ttaacgtcac	tggtccacct	120
ggtgtaatat	ctctcatgac	agtgcaccca	aggggaagttg	actaagtcac	atgtaaatta	180
ggagtggttt	aaagaatgcc	atagatgttg	attcttaact	gctacagata	acctgtaatt	240
gagcagattt	aaaattcagg	catacttttc	catttatcca	agtgttttca	ttttccaga	300
tggcttcaga	agtaggctcg	tgggcagggc	gcagacctga	tctttatagg	gttgacatag	360
aaagcagtaa	gttgtggggg	gaaagggcag	gttgtcttca	aactctgtga	ggtagaatcc	420
ttnnctatac	ctccatgaac	attgactcgt	gtgttcagag	cctttggcct	ctntggngga	480
gtctngctnt	ttgggctcct	gggcacccct	ttgaatagtc	actctgtaaa	actngccann	540
gctttgaaac	tgggtncctt	acccanggtg	naagggncct	tgttggcctt	tanaagggtg	600
ggncatncct	ccaaaacc					618

&lt;210&gt; 831

&lt;211&gt; 648

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(648)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 831

acatgaaaga	cacgtccaca	tcacagttgc	ccccaaactg	cctgtgctcc	tcgatgggtg	60
ctctccctcc	agaaaacgca	tgcttattga	ccttggtttt	gatctgcttg	gccgtgtcgg	120
tgaggaagat	ggaggagttg	gggtcgctgg	cactcatttt	ggtctgggag	ccctgcaggg	180
ctgggaagaa	ggtggagtg	aacagggctg	gtttaggata	gccgatcctg	ggggcgacgt	240
cccttgatcat	tctaaagtaa	ggatcctggg	caatggcaca	tgggataagg	cactggatat	300
ccgtcctgtc	tcggaagatc	tgtgggaatg	agttgctgaa	ggagggagca	gcctggatgg	360
caggaaaact	gatcttccca	atgcagtcgc	tgtcagtga	acncgaaaaa	tgcccttcac	420
tttggtttga	aggtaacatg	cctttttgaa	tcttcaccac	attttttgta	gaaaccttgg	480
nccttnatnc	cccattgtagn	nccaggttca	naanaatntt	gaaaagnctt	tggtggaagg	540
tcaaaaancnc	caggccaant	aaaggncctt	tggnaatntt	ttcccnggnt	ataactttnt	600
nggcctgggn	ccaaggtcaa	nggccctttc	cnaannaact	ttttnggn		648

&lt;210&gt; 832

&lt;211&gt; 689

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(689)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 832

gtccccacga	actggcctgg	ccaagcaccc	cacactggag	ccatctcttc	ctcatatttc	60
agcagtgcag	ccggggggca	gggaagggca	ggcagggctc	gttgggggtc	ctttttatcc	120
ttattcctcc	cccagcctaa	ttgtctttgt	tctgtgatta	ttggggggaca	cccggctccc	180
ccagacaat	gccagcataa	atccatccat	ccaaaggcag	agaaccaaa	gggccatgga	240

aggttctctg	tgtctctctt	acccttccag	tgccctaggc	ctggcgactg	cccctgcctt	300
ttagacccgc	ctccctttta	tacctgtctt	tgntctactg	agaaaagcct	ctcagcaata	360
atgntttcta	gtcacttccct	ccgncttcgg	gacgggcgtg	cctggacact	tgtaccttng	420
gccccggaac	cacgcttaag	ggcgaaaatt	ccaagcacnc	ttggccggcc	ggttaccttn	480
gtngggatnc	ccaaccttng	gnnncccaaa	ccttgggcgg	taaacctatng	ggnccttaac	540
ctngngttcc	ctgggggngn	aaaantngta	atttccgggt	ttacccaatt	ttccncccca	600
aacnttntcc	caaancccg	gaaaaccctt	aaaaggnggg	aaaaancccc	ttgggggggg	660
gccctnaann	nggagggtgg	ngcnttanc				689

<210> 833  
 <211> 726  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (726)  
 <223> n = A,T,C or G

<400> 833						
ggtactaatg	tgaattgttc	ctcagaaaacg	cttcttttcc	atcctagtga	gaagctggcc	60
ctgcaggtgg	tggcagcaat	ggtgttgtaa	gatttcctcc	cgtagttttt	tctcctcatg	120
gatttgaatg	aaatgccaat	aacacgtcca	ctttcaacgt	gtagtttacg	cggagcactt	180
tcgaggcctg	gccgggttgg	gcctacttct	cacctgggcc	tatcttctga	actcgctagg	240
ttcttatcaa	catttggggg	ataactttgt	atattttttt	cattnggctt	ttctttacca	300
gtttctgatt	tttattctca	atataatttt	gctaaaaacct	atttcacaaa	tnaccacng	360
actgaaagtg	tgtgnttact	gatgcggccc	ttgagcttcc	atgggcgaaa	ggagtgactt	420
ttgcagcngc	cgtnaagaac	ccgnaaatct	ggtttnanag	cncanggaa	agtngaccac	480
cnttangggg	agccccncg	tangggggcg	ctttgtaang	cccncnggg	ggaaccccc	540
annnaccggt	gggggtcctt	aaaagnaana	nanaccgggg	gtctttaagc	ttntttcctt	600
gggccacncc	ccccaaaann	gggnttttcc	caatttntta	anacnctntc	ttnggggggg	660
tcctngngng	aaatggngga	aaaaaangcc	cnnntnnttg	ttnggggngg	gnaccncaan	720
gtggng						726

<210> 834  
 <211> 628  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (628)  
 <223> n = A,T,C or G

<400> 834						
ggtacgagag	tgtagccaaa	gtgagaggct	gagagcaaag	gagacatttt	tttcagtttt	60
gagtcgagta	tccagacaga	ggcaaatcat	tttgtttaac	tttttattaa	agtgtacta	120
tagaaacaca	tcaatgattt	ttcacaagtg	gagcactgtg	catacaatcg	gcaccccaga	180
agcccccggt	cagattccct	tccagttaac	tacctctcca	agggaaacca	ctatcctgag	240
ttctaagcgc	atagattagt	ttctgtctgg	tttggggaga	tatataaatg	gaattatgca	300
ttcttcgtat	ctggttncct	ttcaccaata	ttatgtttgt	gagatttttg	gtgcatgtat	360
ttgtacagnt	ttgctgattt	taggtgttgc	gcctcattgg	gaacagtttg	ctataggttg	420
aagagaaaat	ttgctcttcc	ggtttantgg	caccanggag	canaatgccc	ncagtgtntg	480

gnctcngata atggggtcgaa attgggangt gggctggacn tttttnactt gntctttctg	540
atctngantc gggtncctat tcnatatttg gntntcttcg gaattnttg ntngaacttg	600
cctggggcng gctgttctan agggnnag	628

<210> 835  
 <211> 602  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (602)  
 <223> n = A,T,C or G

<400> 835	
ggtactgaaa tcacaagagc tataactgcc agagaaaaat taaatggggg cttcaagtag	60
tgactgagcc agcaaaactaa gtggccaaga gggagacaag agcagctcct aaagaagggt	120
gaagtcaagc aatctccgga acacagagga tctgaagcat ctgggcagag ccacaggcag	180
gcanggcaag gacacacagc acaccagagc agcaccgtcc ttcactgtgt gagagcaact	240
ctcaggctgc agaaccaatt gccatctcca ctgcctacag ctcagggtctc caactaccag	300
atagggagta aaaaacagtt tgattttatt cacctcaagt ctaaaccacgg ngggaaaaaa	360
aactgggtcta nagatggaaa ctatatattca tgggggttta ttaaaccagag aaagaggaga	420
atattcacat ttccacagggc ttttcntgaa ataaagactt gatctgaaaa ggcaccctta	480
tggcangctt taacttccta agntngggna gnncccaa tttccannaa tcttgggacc	540
ncttgcccag tngatttttt ttaaataact nagctnaatt gntnggntaa tttnataana	600
ng	628

<210> 836  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (355)  
 <223> n = A,T,C or G

<400> 836	
acacaatgct tctgccagtc ctattcaggg ccaaggacat gtgcttataa ccatctgcc	60
aattttccaa actgtcacag taacaaccat caaatttttag cagatctact cccagtcag	120
caaaggctctg ggcacatg tctgtatctc caaaactccc agggagcct gcgcagggtt	180
tattttccaa atctgcataa atccctagct tcagtccttt gctgtgaaca taattagcta	240
gctggcgaat cccatgagga aagcgctgag ggtctgcctg aagtctgct tctgaatctc	300
tttggggagc catccaacag tcatcaatgc agaggtacct cggncgngac cacgc	355

<210> 837  
 <211> 611  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (611)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 837

ggtttttttt	ttcgtgattg	tattcccata	aagctttatt	tgtggactct	aaaatttgaa	60
ttttatgtga	ttttcacata	tcacaaacat	tcttcttctt	ttaatttttc	taaccattaa	120
aattataaaa	aactttctta	tttttgacag	ccatacaaaa	ttaggcagtg	ggccaaatct	180
ggccgctagt	ttagaaggct	cacggtagtc	tcgctcgag	gcatggcagt	tgcagctggc	240
tggggcacec	tggttctcct	ccacaaggcc	tttcatectc	cagaagtctg	aattggcctt	300
gttcatggca	ctttcagggc	agcattccaa	gaggtggaag	ggagagtctg	caaagacttc	360
tgaggctggc	tccagacctc	actcagtatc	cccactgctc	catttcagtc	agagtnaagt	420
cactagtnct	gcccagactc	aagggatgaa	gggaactgnc	tntanctcat	gatgaagata	480
acntgtgaaa	tactgggggc	tgagtttttc	anttanencc	agggagtaat	tttcatggnt	540
taaanggcac	tcccccttat	ttttgaagcc	ntaancteng	gcntttanng	ggaantaatt	600
aaccnccctt	a					611

&lt;210&gt; 838

&lt;211&gt; 650

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (650)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 838

ggtacttcca	cctcggggcac	attttgggaa	gttgcatcc	tttgtcttca	aactgtgaag	60
cattttacaga	aacgcaccca	gcaagaatat	tgtccctttg	agcagaaatt	tatctttcaa	120
agaggatat	ttgaaaaaaa	aaaaagtata	tgtgaggatt	tttattgatt	ggggatcttg	180
gagtntttca	ttgtcgetat	tgatttttac	ttcaatgggc	tcttccaaca	aggaagaagc	240
ttgctggtag	cacttgctac	cctgagttca	tccaggccca	actgtgagca	aggagcacaa	300
gccacaagtc	ttccagagga	tgcttgattc	cagtgggtct	gcttcaaggc	tttactgca	360
anacactaaa	gatccaagaa	ggccttcatg	gcccnccca	ngcccggatc	gggtanctgg	420
ccgggcnngn	cnngtnnnaa	gggcnaaatt	tcngcacact	tggccgnccg	ttactaagtn	480
ggantccnaa	gcttggntan	ccaagctttg	gngnaattct	ngggcatann	nctgggtnc	540
ttgnggnnaa	aatgntantc	ccgtnnnaaa	ttcccttcan	cnnanctgan	cctgaaagct	600
ttaantgggn	aaacnttggg	ggtcccta	tngggggacn	taacntctnt		650

&lt;210&gt; 839

&lt;211&gt; 626

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (626)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 839

actaaacgag	caggtgaagg	aggctgaagg	atcgtctgct	gaatacaaga	aagaaattga	60
ggaactaaag	gaactgctac	ccgaaattag	agagaagata	gaagatgcaa	aggagtctca	120
gcgtagtggg	aatgtagctg	aactggctct	gaaagctact	ctggtggaga	gttctacttc	180
aggtttcact	cctggtggag	gaggtctctc	agtctccatg	attgccagta	gaaagccaac	240

agacgggtgct	tcctcatcaa	attgtgtgac	tgatatttcc	caccttgtca	gaaagaagcc	300
ttcacaatta	tatctttaga	ggaaaccaga	ggaaganagt	ccncggaaaag	atgatgcaaa	360
gaaagccaaa	caagagcncg	gaagtgaacg	gaaggcnttt	ggggatgcct	gtccccaagt	420
ggaaaatgaa	gtttcngaaa	acantggagg	aggangctga	naatcaggct	gaaagccnng	480
ccnccaatgg	aagggacat	tgtanggctt	ggancttcng	gtngaaagcc	nttgcttttt	540
aaaaangggg	cccagncctt	tcttccangg	gaaaagggnt	tttgaatta	aangnttttt	600
tnacnttttg	ganggatect	tttggt				626

&lt;210&gt; 840

&lt;211&gt; 323

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 840

ggtacagcag	ccttctttgc	tggaggccct	tgaacttcct	cctcctcctc	gctgctgtcc	60
tcaactgtcac	tggatgaggc	cttcttctta	gcttttcttag	ccactgggtcc	atttgctgt	120
aacttttcgct	ctgggacctt	ggcagacctg	ttgagccaga	agctatagat	gtctaagagg	180
gaagaggcat	tggcatcctg	ctgtgtagct	cctgtcgctt	tggcgaactt	attggccacc	240
tctgagagtt	ggttatcgcg	caggaagccg	agcacgaggg	gatacaggtc	gctgggaacc	300
acgcggcgaa	tgccggcgct	cgc				323

&lt;210&gt; 841

&lt;211&gt; 614

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(614)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 841

acattgaaaa	tgagggtaag	atgatcatgc	aggataaact	ggagaaggag	cggaatgatg	60
ctaagaacgc	agtggaggaa	tatgtgtatg	aaatgagaga	caagcttagt	ggtgaatatg	120
agaagtttgt	gagtgaagat	gatcgtaaca	gttttacttt	gaaactggaa	gatactgaaa	180
attggtttga	tgaggatgga	gaagaccagc	caaagcaagt	ttatgttgat	aagttggctg	240
aattaaaaaa	tctaggtcaa	cctattaaga	taccgtttcc	aggaatctga	agaacgacca	300
aaattatttg	aagaactagg	ggaaacagat	ccaacagtat	atganaataa	tcagctcttt	360
caanaaaacaa	ggaggaccng	tattgatcat	ttggatgctg	ctgacatgac	caaggtagna	420
naaagcncaa	atggaagcaa	tggaattgga	tgaataacca	agcttaattc	tgctgancaa	480
gcnatagttt	gncattggnt	nnagttgtta	ngtccnaaga	gnattgaanc	ttaaanttna	540
gggctgccaa	ngnctttggc	cggnacncnc	ntnagggcna	tttcagccnc	ttggcggccg	600
ttctatggnn	ncnn					614

&lt;210&gt; 842

&lt;211&gt; 609

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(609)

&lt;223&gt; n = A,T,C or G

```

<400> 842
ggtacacttg ctaaatttga atgggcangc agcaaactct gggaagactt ctaatgcttt      60
acgatacaag cgaactgcct cttcaatggt tccctgttct cgtttgatat tggttaggtt      120
attcagagag tctgcatggg tgggacacag acggagagct gtattataac aatcttctgc      180
ttcagcaacc tgtcaaaaat gcgtgcctct ttcaagacat ttctaaaatt gatataagca      240
tccagaaaag ttgggtcaag ggtgacagcc ttttcaaagt gatgaattgc aagccaaatt      300
tccccttggt cattgaaaac acagccaaga ttactccaag ctactgcaaa gttcgggttg      360
gtctcaattg ctttcaaata acatgccttg gcttcttcca agcgacccaa ggcttttaca      420
ggtncaccag tcaactgcga cacagtacct gcccggcggc cgttcaaang gcgaaattca      480
gcacactgtg ggnctgnta gtggantnct agcntcggnc caacttgggn ntataatggg      540
canaactggt ccttggggga aantggtnnc cnntaccatt tcnccacttn cgaccggaag      600
cttaaangg                                     609

```

```

<210> 843
<211> 610
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

```

```

<400> 843
gggttttttt cgcagggtatt tctctgctt taatagacaa ttttagaaag acatgttaac      60
gggggaaaaat cacacaatac taaggatctg agggccataa acatcacata tgttgagttt      120
gcttttagtt ttgtttccaa cagttcttaa ccaatgttcc tggctgtaat ctagggtgcta      180
gacgcactgc aaatcctcga aagtgtttaa gatgaaagag caatacactt aagatcttca      240
aaagtttaca ttaacagaat aagcattagc tccttttaac acacacacac aactaaatta      300
acaaatgaaa tgtgtctact tttatatatg ccataaaagc agacacttaa cattgaaatt      360
tactatttta gattttcact cttttaagag ctatcaatat agacactnaa gataattcac      420
attnnaaaaa ttatctacct ggaagaatag aacttcttta agaaggaaaa agnaaaagct      480
ggtgaaacca aggattgcct ggggtnggaa ggaccgnttt naacctgggc cttaaatgnc      540
ntgagnacaa ttgattgggtc nnncttgggc tntnttggtg acaccggcct tcanggtttt      600
cttgaccnc                                     610

```

```

<210> 844
<211> 675
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

```

```

<400> 844
ggtacacctg aattccaggc caatgaagtt cggaaagtga agaaatatga acagggattc      60
atcacagacc ctgtggtcct cagccccaag gatcgctgct gggatgtttt tgaggccaag      120
gcccggcatg gtttctgcgg tatcccaatc acagacacag gccggatggg gagccgcttg      180
gtgggcatca tctcctccag ggacattgat tttctcaaag aggaggaaca tgactgtttc      240
ttggaagaga taatgacaaa gaggggaagac ttggtggtag cccctgcagg catcacactg      300

```

aaggaggcaa	atgaaattct	gcagcgagc	aagaagggaa	agttgccc	tgtaaatgaa	360
gatgatgagc	ttgtggccat	cattgccc	acagacctga	agaagaatcg	ggactaccca	420
ctagccttcc	aaagatgccc	aagaaaccag	cttgcttggtg	ttgggcaagc	cattgggcac	480
ttcattgaag	gattgaccaa	ggttttangg	ccttgggacct	ttggtttggc	cccaaggctt	540
tgggtgttga	attgtaaattg	gggtttttgg	gacttttttt	ncccangggg	aaaatttccc	600
tttttttcnc	nanttccaat	tttngatcc	aaagtncct	tggccccggg	gccgggcccc	660
tttcaaaaan	gggcc					675

<210> 845  
 <211> 620  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(620)  
 <223> n = A,T,C or G

<400> 845						
acagcctaag	acacaaggat	ctaggcgaag	tagccgccaa	ataaaaaaac	gaaggggtcat	60
atcagattct	gagagtga	ttggtggctc	tgatgtggaa	tttaagccag	acactaagga	120
ggaaggaagc	agtgatgaaa	taagcagtg	agtgggggat	agtgagagt	aaggcctgaa	180
cagccctgcc	aaagtgtctc	gaaagcggaa	gagaatgggtg	actggaaatg	gctctcttaa	240
aaggaaaagc	tctaggaagg	aaacgccctc	agccaccaaa	caagcaacta	gcatttcac	300
agaaaccaag	aatactttga	gagctttctc	tgccccctcaa	aattctgaat	cccaagccca	360
cgttagtga	ggtggtgatg	acagtatcg	cctactgntt	ggtatcatga	aactttagaa	420
tggcttaagg	gaggaaaaga	gaanaaatga	ncncaggang	aaggcctgat	caccccgatt	480
ttgatgcctt	tnccctntnt	gggnccctga	ggatttcntc	aaatctttgg	anccttggcc	540
nnnacccecn	ttangggcgn	aatccagccc	ttggnggncc	gttcttaggg	gatcncagct	600
tgggnccaac	tttggggtan					620

<210> 846  
 <211> 617  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(617)  
 <223> n = A,T,C or G

<400> 846						
caggtagcata	aagcagattc	aagggttaaa	ataaaaaacag	aattttggag	tgtgggtcaaa	60
taagggtgcac	agattccaga	accctcagag	ggcctgctgg	ccctctccag	acattctgtg	120
tccgtgggtgc	aggagctggg	cccgtcccta	acagctccgc	actggcttag	tgtagtgggtg	180
ctcacagttt	caggaactac	taggtgaagt	gtctggctca	agtctgccaa	gtgtcttcac	240
tccatcgta	gaagtggagc	actatcccta	ggttcgattc	ccatgaaata	ttttatgatt	300
tccatcctct	ttggccgctc	ttccaaataa	ggccctgtga	tgccaacnaa	gggggcatgg	360
ttgaggggtct	aaggctctca	ttagggccta	attctgtgtg	gatatnaaca	catgacagac	420
acttgctgca	ncattnanga	catttaaggc	agaggggtca	tttaangnta	cttttncaaa	480
ttaatatttn	gnngatnggg	cagttcttac	ctgnnactgg	tnnttattgg	ggnaattttt	540
taccangggg	ctgtctattt	taaatngctt	nggnattacn	ngtttngnac	cctcnaannn	600
ctngggaaac	ttntntnc					617

<210> 847  
 <211> 638  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (638)  
 <223> n = A,T,C or G

<400> 847

ggtacaagct	tttttttttt	tttttttttt	tttttttagc	ctttccttat	gagcatgcct	60
gtgttgggtt	gacagtgagg	gtaataatga	cttggtgggt	gattgtagat	attgggctgt	120
taattgtcag	ttcagtgttt	taatctgacg	caggcttatg	cggaggagaa	tgttttcatg	180
ttacttatac	taacattagt	tcttctatag	ggtgatagat	tggtccaatt	gggtgtgagg	240
agttcagtta	tatgtttggg	attttttagg	tagtgggtgt	tgagcttgaa	cgctttctta	300
attgggtggc	gcttttaggc	ctactatggg	tgtaaatttt	tttactctct	ctacaagggt	360
ttttcctaan	tggtccaaaag	agctggtcct	tctttgggac	taaccagtta	aattttacca	420
ngggggaatt	taanaggggt	tcttgggggc	caaattttaa	aggtcngaac	ttaagantct	480
tatcttggga	caanccagnt	nttcaccagg	cnttggnaa	ggtttngtct	gcctttaccn	540
taaaaatctt	tcccnctant	tnctaccnn	aaccgggggg	cncttttaaa	cgnnntttan	600
ggganccccc	ccnggtttng	gggggttnaa	ctttgcnn			638

<210> 848  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 848

ggtttttttt	tttttcaaca	gacaaaaaaaa	gtttattgaa	tacaaaactc	aaaggcatca	60
acagtcctgg	gcccagaga	tccatggcag	gaagtcaaga	gttctgcttc	agggtcggtc	120
tgggcagccc	tggaagaagt	cattgcacat	gacagtgatg	agtgccagga	aaacagcata	180
ctcctggaag	tccacctgct	ggtcactgtt	ctcatccagg	ctgcccata	gcttcttcag	240
cccctcctca	tccactttct	ccccacaaa	gctgggcagc	tccttgtgca	gaagttcctt	300
catttcccc	ttactcagct	tgaacttgct	gccctcttgg	caggagt		347

<210> 849  
 <211> 624  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (624)  
 <223> n = A,T,C or G

<400> 849

actgctggaa	atacaatctt	cagcaggtgc	tgatgcaggc	tggaatttgg	ctggagcgga	60
ccctcccat	ggttttagaag	ttgcttttagt	gggtggagca	ggcttggctg	gcatgctaac	120
tttggtttc	tctagcatgg	ccaatacctg	atctttagaa	gttggcttta	gtttccagc	180
agccttggcc	attttttcat	atcctaaatg	catcatgaag	aatggcaagg	catcttgggc	240
cttctttcgc	acatctccat	ttcgatcttc	taggcaggag	tagagatgag	gaacacaaag	300



gataaggtct	gtaggggttg	aacgaagagt	aggtagtttc	tcaaccagcc	agcccagaag	360
ctcttgccctc	aagaaaggat	tttcttttga	gctcttcaga	aagaacttct	ccttcaacca	420
ttccttnatg	cccantcttg	ttntggccaa	gcatttcaca	ggtcgctang	ggcaagcact	480
tcgaacattg	gtcttgcttg	ctccaaggac	ttgggaatna	angggganc	ctnaaatttt	540
ttancgggtg	gcttaaaatt	tggggccnan	ggttattgcc	aaattgtttc	cagggatttn	600
aacggttttg	tggncctcgg	cccg				624

&lt;210&gt; 850

&lt;211&gt; 636

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(636)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 850

acaagttatc	aaactttctgt	ttggtaacag	aatcattgac	gttcatggcc	ggaacacaga	60
gcttcccagc	tttggagagc	tgatacagcc	tgtgaacacc	agtcacgctc	tcttccacaa	120
tgccctcggat	cttctttaa	acgtttggat	acttcttata	aacccagtgg	gttaagtctc	180
ccccatcatc	caggatcatg	ttggcctgcc	acccatccat	gttcacacag	cggtcaatac	240
accaccagaa	gtcatcttct	gactcgccct	tccaagcgaa	cactgcaact	ccagcctcag	300
ccagtgtctg	agctacttca	ttctgagttg	agtagatgtt	acaagcagac	cagcggcact	360
gagccccag	agcacagagt	gtctcaatca	acaccgctg	tctgggctgt	gatgtgtgta	420
tcttnggccg	ngaacangct	taagggcgaa	ttncacacaa	cttggcggcc	ggtacttagt	480
gggaatccan	cttngntacc	caagcttggg	cgtaantcat	ngggcatang	cntgggtcct	540
nggggaaant	ggtatncggg	tanaanttcc	accaaanttc	naancccgga	agnnttaaan	600
gntaaaanct	tngggggcct	aantgagnng	anntac			636

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : C07K 14/47, C12Q 1/68, C07K 16/18, C12N 9/00, 15/10		A3	(11) International Publication Number: <b>WO 99/64576</b> (43) International Publication Date: 16 December 1999 (16.12.99)								
(21) International Application Number: PCT/IB99/01062 (22) International Filing Date: 9 June 1999 (09.06.99) (30) Priority Data: 60/088,801 10 June 1998 (10.06.98) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US 60/088,801 (CON) Filed on 10 June 1998 (10.06.98) (71) Applicant (for all designated States except US): BAYER CORPORATION [US/US]; 333 Coney Street, East Walpole, MA 02032 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): ENDEGE, Wilson, O. [KE/US]; 222 Normandy Drive, Norwood, MA 02062 (US). STEINMANN, Kathleen, E. [US/US]; 115 Washing- ton Street, Unit 3B, Winchester, MA 01890 (US). ASTLE, Jon, H. [US/US]; 42 Short Street, Taunton, MA 02780 (US). BURGESS, Christopher, C. [US/US]; 97 Canton Ter- race, Westwood, MA 02090 (US). BUSHNELL, Steven, E. [US/US]; 41 South Street, Medfield, MA 02052 (US). CAR-			ROLL, Eddie, III [US/US]; 24 Eddy Street, Waltham, MA 02154 (US). CATINO, Theodore, J. [US/US]; 18 Jo Paul Drive, Attleboro, MA 02702 (US). DERTI, Adnan [US/US]; 7 Wigglesworth Street, Boston, MA 02120 (US). FORD, Donna, M. [US/US]; 8 Morningside Road, Plainville, MA 02762 (US). LEWIS, Marcia, E. [US/US]; 67 Wheelwright Farm, Cohasset, MA 02025 (US). MONAHAN, John, E. [US/US]; 942 West Street, Walpole, MA 02081 (US). SCHLEGEL, Robert [US/US]; 211 Melrose Street, Auburn- dale, MA 02466 (US). (74) Agents: ROESLER, Judith, A.; Bayer Corporation, 63 North Street, Medfield, MA 02052 (US) et al. (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  Published With international search report. (88) Date of publication of the international search report: 13 April 2000 (13.04.00)								
(54) Title: HUMAN GENES DIFFERENTIALLY EXPRESSED IN COLON CANCER											
(57) Abstract											
<p>This invention relates to novel human genes, to proteins expressed by the genes, and to variants of the proteins. The invention also relates to diagnostic assays and therapeutic agents related to the genes and proteins, including probes, antisense constructs, and antibodies. The subject nucleic acids have been found to be differentially regulated in tumor cells, particularly colon cancer cell lines and/or tissue.</p>											
<p style="text-align: right;">Differential Expression Analysis</p> <table border="0"><tr><td></td><td>SW480 Clone Number</td></tr><tr><td></td><td>2 6 3 5 2</td></tr><tr><td>Cancer Probe</td><td></td></tr><tr><td>Normal Probe</td><td></td></tr></table>					SW480 Clone Number		2 6 3 5 2	Cancer Probe		Normal Probe	
	SW480 Clone Number										
	2 6 3 5 2										
Cancer Probe											
Normal Probe											

**FOR THE PURPOSES OF INFORMATION ONLY**

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece	ML	Mali	TR	Turkey
BG	Bulgaria	HU	Hungary	MN	Mongolia	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MR	Mauritania	UA	Ukraine
BR	Brazil	IL	Israel	MW	Malawi	UG	Uganda
BY	Belarus	IS	Iceland	MX	Mexico	US	United States of America
CA	Canada	IT	Italy	NE	Niger	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NL	Netherlands	VN	Viet Nam
CG	Congo	KE	Kenya	NO	Norway	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NZ	New Zealand	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	PL	Poland		
CM	Cameroon	KR	Republic of Korea	PT	Portugal		
CN	China	KZ	Kazakhstan	RO	Romania		
CU	Cuba	LC	Saint Lucia	RU	Russian Federation		
CZ	Czech Republic	LI	Liechtenstein	SD	Sudan		
DE	Germany	LK	Sri Lanka	SE	Sweden		
DK	Denmark	LR	Liberia	SG	Singapore		
EE	Estonia						

# INTERNATIONAL SEARCH REPORT

International Application No <b>PCT/IB 99/01062</b>		
<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 6 C07K14/47 C12Q1/68 C07K16/18 C12N9/00 C12N15/10		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 6 C07K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HILLIER L. ET AL.: "Stratagene human cDNA clone 550176 3' end;" EMBL SEQUENCE DATABASE, 30 October 1996 (1996-10-30), XP002119315 HEIDELBERG DE Accession Nr.: AA101246 ---	2,8,10
X	MARRA M. ET AL.: "Mouse cDNA clone 779685 5' end" EMBL SEQUENCE DATABASE, 14 June 1997 (1997-06-14), XP002119316 HEIDELBERG DE Accession Nr.: AA466948 --- -/--	2,8,10
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
<input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "Z" document member of the same patent family		
Date of the actual completion of the international search  <b>20 October 1999</b>		Date of mailing of the international search report  <b>25 Jan 2000</b>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016		Authorized officer  <b>De Kok, A</b>

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 99/01062

**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim No.
Category *	Citation of document, with indication, where appropriate, of the relevant passages	
A	SCHWEINFEST C W ET AL: "Subtraction hybridization cDNA libraries from colon carcinoma and hepatic cancer" GENE ANALYSIS TECHNIQUES, vol. 7, 1 January 1990 (1990-01-01), pages 64-70, XP002089887 ISSN: 0735-0651 page 64 ---	1,18
A	VIDER B ET AL: "Human colorectal carcinogenesis is associated with deregulation of homeobox gene expression" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 232, no. 3, March 1997 (1997-03), pages 742-748, XP002104685 ISSN: 0006-291X page 742 ---	1
A	JAU MIN WONG ET AL: "UBIQUITIN-RIBOSOMAL PROTEIN S27A GENE OVEREXPRESSES IN HUMAN COLORECTAL CARCINOMA IS AN EARLY GROWTH RESPONSE GENE" CANCER RESEARCH, vol. 53, no. 8, 15 April 1993 (1993-04-15), pages 1916-1920, XP002024627 ISSN: 0008-5472 page 1916 ---	1
A	VAN BELZEN N ET AL: "A novel gene which is up-regulated during colon epithelial cell differentiation and down-regulated in colorectal neoplasms" LABORATORY INVESTIGATION, vol. 77, no. 1, 1 July 1997 (1997-07-01), pages 85-92, XP002089891 ISSN: 0023-6837 page 85 ---	1
A	KONDOH N ET AL.: "Differential expression of S19 ribosomal protein, laminin-binding protein, and human lymphocyte antigen class-I messenger RNAs associated with colon-carcinoma progression and differentiation" CANCER RESEARCH., vol. 52, no. 4, 15 February 1992 (1992-02-15), pages 791-796, XP002119317 BALTIMORE, US ISSN: 0008-5472 the whole document ---	1

-/--

# INTERNATIONAL SEARCH REPORT

Inter. Appl. No.

PCT/IB 99/01062

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95 11923 A (DANA FARBER CANCER INST INC) 4 May 1995 (1995-05-04)  page 1, line 29 -page 6, line 17 page 19, line 7 -page 29, line 11 ---	1-6,9, 10,14, 17-25, 31-34
A	EP 0 284 362 A (ICI PLC) 28 September 1988 (1988-09-28) the whole document ---	1-25, 27-34
P,X	KUTAY U ET AL.: "A human homologue of yeast Mtr10p and its role in nuclear protein import" EMBL SEQUENCE DATABASE, 10 May 1999 (1999-05-10), XP002119318 HEIDELBERG DE Accession Nr.: AJ133769 abstract -----	1-6,8,10

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 99/01062

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☒ Claims Nos.: 26  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-25, 27-34, all partially

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 26

Claim 26, relating to an agent which alters the expression in a cell of a nucleic acid, could not be searched as its subject-matter is not disclosed

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.



## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

## 1. Claims: 1-25, 27-34, all partially

## Invention 1:

An isolated nucleic acid, comprising a nucleotide sequence which hybridizes under stringent conditions to SEQ.ID. No.1 or a sequence complementary thereto; an isolated nucleic acid, comprising a nucleotide sequence at least 80% identical to at least 15 consecutive nucleotides of SEQ.ID. No.1 or a sequence complementary thereto; an isolated nucleic acid comprising nucleotide sequence of SEQ.ID. No.1 or a sequence complementary thereto; an expression vector comprising said nucleic acids; an host cell comprising said vector; a transgenic animal having a transgene comprising said nucleic acids; a nucleic acid hybridizing to a nucleic acid probe corresponding to at least 12 consecutive nucleotides of SEQ.ID.No.1; a probe/primer hybridizing to a nucleic acid probe corresponding to at least 12 consecutive nucleotides of SEQ.ID.No.1; an isolated polypeptide encoded by said nucleic acid; an antibody that specifically binds to said polypeptide; an antisense oligonucleotide which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.1; a test kit comprising said probe/primer; a testkit comprising said antibody; a method for determining the phenotype of a cell comprising detecting the differential expression of a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.1 or a protein encoded by said nucleic acid; a method for determining the presence or absence of a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.1; a method for detecting a mutation in a test nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.1; a method for identifying an agent which alters the level of expression in a cell of a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.1; a pharmaceutical composition comprising a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.1; a pharmaceutical composition comprising a polypeptide encoded by said nucleic acid; a method for detecting cancer using SEQ.ID.No.1 or an antibody to a protein encoded by said sequence, as a probe.

## 2. Claims: 1-25, 27-34, all partially

## Inventions 2 to 127 :

Idem as invention 1, wherein each invention relates to the nucleic acid encoded by SEQ.ID.No. 2 to 127 in stead of SEQ.ID.No.1.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

## 3. Claims: 15-21, 24-26, 28-34, all partially

## Invention 128:

An isolated nucleic acid, comprising a portion of a nucleotide sequence of SEQ.ID No.128 or a sequence complementary thereto; a gene which hybridizes to SEQ.ID. No.128; an isolated polypeptide encoded by said nucleic acid; an antibody that specifically binds to said polypeptide; an antisense oligonucleotide which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.128; a method for determining the phenotype of a cell comprising detecting the differential expression of a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.128 or a protein encoded by said nucleic acid; a method for detecting a mutation in a test nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.128; a method for identifying an agent which alters the level of expression in a cell of a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.128; a pharmaceutical composition comprising a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.128; a pharmaceutical composition comprising a polypeptide encoded by said nucleic acid; a method for detecting cancer using SEQ.ID.No.128 or an antibody to a protein encoded by said sequence, as a probe.

## 4. Claims: 15-21, 24-26, 28-34, all partially

## Inventions 129 to 383:

Idem as invention 128, wherein each invention relates to the nucleic acid encoded by SEQ.ID.No. 129 to 383 in stead of SEQ.ID.No.128.

## 5. Claims: 15-21, 25,26,28,31-34, all partially

## Invention 384:

A nucleic acid hybridizing to a nucleic acid probe corresponding to at least 12 consecutive nucleic acids of SEQ.ID. No.384; an isolated polypeptide encoded by said nucleic acid; a probe/primer hybridizing to a nucleic acid probe corresponding to at least 12 consecutive nucleic acids of SEQ.ID. No.384; an antibody that specifically binds to said polypeptide; an antisense oligonucleotide which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.384; a method for

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

determining the phenotype of a cell comprising detecting the differential expression of a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.384 or a protein encoded by said nucleic acid; a method for identifying an agent which alters the level of expression in a cell of a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.384; a pharmaceutical composition comprising a nucleic acid which hybridizes under stringent conditions to at least 12 consecutive nucleic acids of SEQ.ID. No.384; a pharmaceutical composition comprising a polypeptide encoded by said nucleic acid; a method for detecting cancer using SEQ.ID.No.384 or an antibody to a protein encoded by said sequence, as a probe.

6. Claims: 15-21, 25,26,28,31-34, all partially

Inventions 385 to 850:

Idem as invention 384, wherein each invention relates to the nucleic acid encoded by SEQ.ID.No. 385 to 850 in stead of SEQ.ID.No.384.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. l. Application No

PCT/IB 99/01062

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9511923 A	04-05-1995	CA 2175380 A	04-05-1995
		EP 0725799 A	14-08-1996
		US 5889159 A	30-03-1999
		US 5872235 A	16-02-1999
EP 0284362 A	28-09-1988	AU 625169 B	02-07-1992
		AU 1337888 A	22-09-1988
		DK 159788 A	24-09-1988
		FI 881388 A	24-09-1988
		JP 1034291 A	03-02-1989
		NO 881273 A	26-09-1988
		NZ 223985 A	28-05-1991
		PT 87055 A,B	01-04-1988